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SEED ANNVAL

1898

SAN FRANCISCO,

CALIFORNIA.

POPULAR $1.00 COLLECTIONS

Every Collection Sent BY MAIL, POSTPAID, upon Receipt of $1.00

Two Collections, $1.75; Three for $2.50; Four for $3.00; Five for $3.50

New Gem Collection No. 1

10 Roses, 10 Carnations

Small plants, well-rooted, for the sum of $1.00—*our selection only.* This offer is made to induce you to give us a trial, and it is to our interest to send you only a fine assortment of good, well-rooted planted, that are sure to bloom the first year. We expect to please you and get further orders from you.

Collection No. 2

Of 15 beautiful Climbing and Trailing Plants for $1.00

1 Passion Vine, 1 Wax Plant, 3 New Ivy Geraniums, 2 Madera Vines, 2 Solanums, 3 Australian Pea Vines, 2 Smilax, 1 Honeysuckle, 1 Manettia Vine.

Violet Collection No. 6

24 Grand Violets for $1.00

12 California Violets, 3 Marie Louise, 3 Swanley White, 6 Princess of Wales.

Collection No. 3

Collection of 15 Hardy Climbers and Flowering Plants for $1.00

2 Variegated Leaved Heliotrope, 1 Beautiful New Carnation, 1 Japanese Honeysuckles, 1 Grand Double Petunia, 2 Ivys, 3 Wandering Jew (Tradescantia), 1 Abutilon or Flowering Maple, 2 Double Geraniums, 2 Madera Vines.

Collection No. 5

Of 60 Strawberry Plants for $1.00

We will send by mail 15 plants, each of the four best varieties of Strawberries for family use.

Geranium Collection No. 7

12 Geraniums, choice varieties, for $1.00

Best New and Old Varieties.

COX'S SURPRISE COLLECTION

$3.00 worth for $1.00

We are compelled to grow a very large quantity of plants and bulbs, more than we usually need, so as to be sure to have enough for our trade. We have a large surplus left over at end of season. We have decided this year to offer them under the name of "Cox's Surprise Collection."

No collection will be made for less than One Dollar, and from that up to any amount you may desire, *entirely our selection* of kinds from our surplus. We will surprise you with the amount of plants we can send you for the amount remitted. By mail free. If you are willing to pay the express or freight charges we can send you more plants for the money. All orders for COX'S SURPRISE COLLECTION will be booked and sent out *after March 1st* and will continue up to *July 1st.*

COX SEED & PLANT CO.

SAN FRANCISCO, CAL.

BROWN, MEESE & CRADDOCK, PRINTERS, 419 SACRAMENTO ST., S. F.

COX SEED AND PLANT COMPANY

ORDER SHEET

Filled.....

By.....

Sent by.....

Packages.....

Sacks.....

Boxes.....

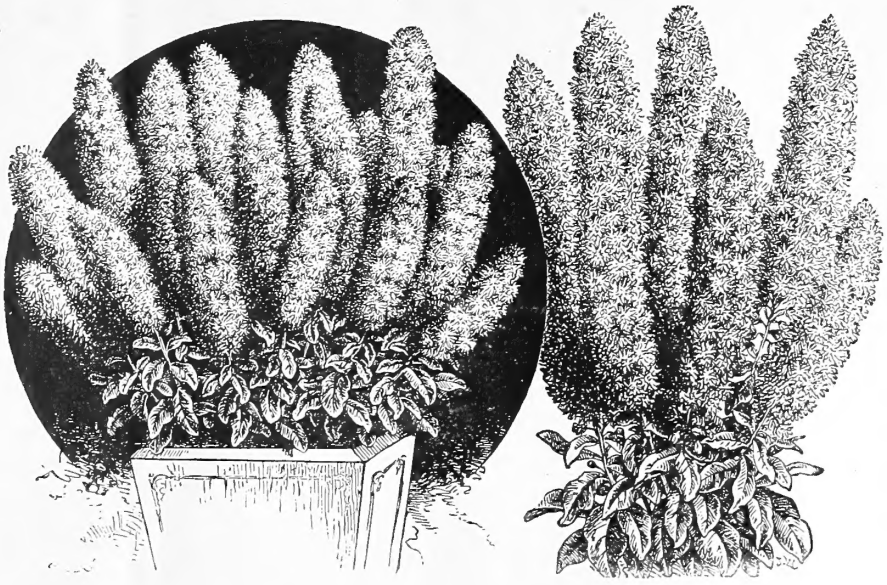
Received.....

We would esteem it a favor if you would send us the names of a few of your friends that you think would like to receive a copy of our Catalogue.

Quantity	Seeds only	Price	Quantity	Plants, Bulbs and Fruits	Price
	Amount brought forward			*Amount brought forward,*	

PARTIAL VIEW OF 200 ACRES OF FLOWERING SWEET PEAS GROWN FOR SEED BY OUR GROWER, C. C. MORSE, NEAR GILROY, CALIFORNIA

..NOVELTIES AND SPECIALTIES..



MIGNONETTE

Allen's... Defiance

Packet, 15c
2 Packets, 25c.

This gorgeous Mignonette has qualities heretofore unknown in large flowering varieties, being deliciously fragrant. When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long, The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens.

GIANT IMPERIAL JAPANESE MORNING GLORIES

A new class of Morning Glory from Japan. The flowers are of exquisite beauty in form and coloring and of enormous size, often 5 to 6 inches in diameter. They are easily cultivated and grow rapidly to a height of 30 or 40 feet. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated. Per packet, 10c; per ounce, 25c.

IMPERIAL MORNING GLORIES

NEW—RUFFLED AND FRILLED—MIXED

Magnificent ruffled flowers, like folded and crumpled velvet. The mixture contains the following colors: Purple, veiled crimson, with white edge; bright deep blue, white edge; pure white; carmine red and lavender blue. Per packet 25c.

NEW DOUBLE MORNING GLORY.

This is the first Double Morning Glory ever introduced. Sometimes there are several rows of fringed petals. It grows rapidly and bears its large, handsome flowers abundantly, a large portion coming double from seed. Mixed colors. Per Packet 10c; 3 packets for 25c.

Mrs. Shepherd's Grand New Fancy Cosmos

"THE FINEST COSMOS IN THE WORLD"

New Early Blooming — Grand Fancy Cosmos — The result of eight years' careful selection. The flowers are surpassingly beautiful. In the mixture are immense flowers, measuring from 4½ to 5 inches across, in white, pink, mauve and crimson. Some are shaped like single Camellias, but larger and more beautiful; some of the crimson ones could almost be taken for single Dahlias; other white ones have plaited petals prettily fringed, and resemble the Romneya Coulterii, or California Tree Poppy. Some are star-shaped. The petals are plain in some flowers; in others pinked, toothed or fringed, and beautifully overlapping. The colors range from pure white through shades of pink and red. The latter are in dark, rich shades of red, shades heretofore unknown in Cosmos. Some white ones are delicately flushed or flecked with pink or mauve, and very beautiful flowers in pink and mauve have a dark red ring around the eye. The daintiest white, pink and flushed, have lacinated petals, fringed to the center of the flower, and resemble Marguerites, but are more beautiful and esthetic. The giant white are especially handsome, with very large, broad petals; flowers of great substance, almost as chaste and lovely as lilies. 15c pkt.

Giant Red, Pink and White Cosmos—Separate. Flowers of perfect form, great size and beauty; measuring 4½ to 5 inches across. Extra selected. 15c pkt.

"Tints of Dawn"—New and distinct varieties. The flowers with a white ground, finely flecked or flushed with delicate pink; some are flushed much darker around the eye than others; they are viciously formed and very beautiful. 15c pkt.

"New Marguerite" Cosmos—Mixed. One of the prettiest and daintiest varieties imaginable; the flowers measure from 2½ to 3 inches across; the petals are deeply and irregularly lacinated or fringed; the flowers resemble Marguerites, but are much more esthetic and beautiful. 15c pkt.

Beautiful Dianthus from South Japan

This choice seed is saved from the choicest and largest blooms of fringed Dianthus grown in Japan. Single, semi-double and double, all colors from clear white to dark maroon, through all shades of pink, red, carmine, etc. 15c pkt.

New Passaflora Gracillis

Passaflora Gracillis or "The Fairy Passion Vine" is a charming little annual from South America, it has pretty light green leaves, slightly lobed, the largest of which are 2 inches in width by 1½ in length; it is a very dainty, pretty little thing, useful for hanging baskets or pots; will grow to the height of 5 or 6 feet out of doors; the flowers are white, measuring 1½ to 2 inches across, and are like the flowers of Passaflora "Constance Elliott" in miniature; they are followed by seed fruits from 1 to 2 inches in length, which are at first light green shaded, greenish white; when ripe, they turn bright shining red and burst open, disclosing fiery scarlet seeds; the entire plant becomes covered with these fruits and the effect is very pretty; it grows readily from seed, and the plants begin blooming when only 5 or 6 inches high. 15c pkt.

Carnation, New Giant Margaret

A new, large-flowering strain of the popular Double Margaret Carnation, which begin blooming in five months from sowing, and produce their very sweet-scented flowers when other Carnations have ceased to bloom. They are perfectly hardy, in rich variety of colors, and as high as 80 per cent come double from seed. 25c pkt.

CARNATION, NEW GIANT MARGARET

Mrs. Shepherd's New Black Heliotrope

It is with pleasure I offer seeds of two new Heliotropes, "Egypt" and "Midnight," a dusky pair, most appropriately named; the stems are black as ink, the foliage a beautiful bronzy green, so dark as to be almost black; Midnight has a fine tree-like habit that is very distinct, while Egypt is round and blushy with lustrous foliage, resembling thick crepe; the flowers of both are beautiful shades of bluish purple, variegated with white and lighter purple; both are extremely handsome, and the seeds can be depended upon to bring fine dark leaved varieties. 50c pkt.

Datura Cornucopia

Horn of Plenty

The plant is of robust habit, and while it is not hardy, assumes the proportions of a good-sized shrub in a single season. The leaves are large, dark green, and the stem is brownish-purple, with a shining surface. The flower is immense, often ten inches long and five inches wide at the mouth, and conical, having three cones, one within the other, each with spreading, wavy margins. The color is fine purple and French white, the former predominating outside, and the latter within the throat and the tube of the flower. Per packet, 10c; 3 packets, 25c.

YELLOW CALLAS

Calla, lemon, giant, a new hybred calla, with pale lemon yellow flowers; exceedingly strong grower, easily grown, multiplies rapidly. $2.00 each.

Calla, Hasta, yellow flowers, black center, 35c each.

Calla, Aurata, pale yellow, very strong grower, 35c each.

One each of the three sorts for $2.50.

CALLIOPSIS

LANCEOLATA GRADIFLORA

"CALIFORNIA SUNBEAMS."

These lovely improved varieties of Colliopsis are much larger than any heretofore offered; the flowers are beautifully formed. Some saucer-shaped, others flat, some exquisitely incurved, while others are like great butter-cups. The petals are broad, with pinked, toothed, or irregularly fringed edges. Some are very light yellow, others a deeper shade, darker around the eyes—all so fine, it is difficult to say which is most beautiful. Per packet 15c.

CENTAUREA MARGARITA

This is one of the most beautiful of recent introductions. It is a variety of odorata, with very large pure white flowers, which emit a most delicious odor. Per packet, 25c; 3 packets, 50c.

ASTER

SEMPLES PURPLE

This lovely new variety will certainly give delight to all who may grow it. The large purple flowers resemble a chrysanthemum and are born upon stems about ten inches long, making them desirable for cutting. Per packet 25c.

LEPTOSYNE STILLMANI

California annual, coming from the Sierra Nevada, where it grows at a height of 5000 or 6000 feet, seed of which has not been offered for many years past. With graceful thinly-cut foliage and growing about one foot high, the habit of the plant is bushy and compact and each of the numerous bower-stems is crowned with a splendid yellow golden blossom, of elegant shape and over $1\frac{1}{2}$ inches in diameter, which remains five to six weeks in full beauty. In addition to the uncommonly rapid germination of the seeds, a prominent characteristic of this Leptosyne is that it blooms within four or five weeks after sowing, surpassing in this respect almost every other annual. It is best to sow in the open air in sandy ground in a sunny situation. Pkt 10c; 3 pkts 25c.

JAPANESE WINEBERRY

THIS new fruit from Japan belongs to the Raspberry family; is a strong, vigorous grower, attaining the usual height of a raspberry, and is PERFECTLY HARDY in all positions without protection, and covered with a reddish-brown hair or moss. The fruit is borne in large clusters, often seventy-five to one hundred berries in a bunch. These berries are, from the time of formation and bloom until they ripen, enclosed in a "burr," which is formed by the calyx covering them entirely. When ripe the burr opens, exhibiting a large berry of the brightest, light glossy scarlet, or sherry wine color. The burrs and stems are covered with a heavy, reddish moss, LIKE MOSS-ROSE BUD. It is absolutely free from all insect ravages. The flavor of the fruit is entirely different from any other berry, being sprightly, sweet and juicy, having no disagreeable sour, but a delicate and luscious flavor peculiar to itself, and superior to other berries. The seeds are very small and no more objectionable or noticable than the seeds in strawberries, which give this berry another point of superiority over raspberries or blackberries. For canning or preserving, the Wineberry is greatly SUPERIOR TO ANY OTHER FRUIT.

Small plants, 10c each; 6 for 50c. Large plants, 25c; 5 for $1.00.

NEW GRAPE

"THE PIERCE." A remarkable, giant-leaved, and very prolific variety, or rather, sport of the Isabella, produced by Mr. J. P. Pierce, of Santa Clara. The berries like the leaves, are of extraordinary size, and when ripe the fruit is exceedingly sweet and strongly aromatic. Berries bluish-black when fully matured. Commands a ready sale in the market, the demand exceeding the supply. For size and quality it can not be surpassed by any of the American varieties of grapes. 25c each; $1.50 per 10.

The Dwarf Rocky Mountain Cherry

The fruit is jet black when ripe, and in size averages somewhat larger than the English Morello, season of ripening being after all others are gone. In flavor it is akin to the sweet cherries, and when fully ripe, for preserves or to eat out of hand, it has no equal in the line of pitted fruits. It has the best system of roots of any shrub or tree ever planted, which accounts for the wonderful productiveness of plants at an early age. It bears every year and is as prolific as a currant bush. Grows to a height of four feet. In addition to its immense productiveness of luscious fruits, valuable for pies, sauce, or for market purposes, it makes a handsome flowering bush with its mass of pure white flowers. Price, two years, 2 to 2½ feet, 50c each; $4.00 per 10.

THE LOGAN BERRY

(RASPBERRY-BLACKBERRY)

THIS is a decided novelty, and at the same time if it succeeds generally as well as at its place of nativity, it will be a very valuable addition to our fruits. It is a seedling from the Aughinbaugh Blackberry, a wild variety, pistillate, of California, crossed or fertilized by polen of the Antwerp Raspberry. The plants are described as unlike either the Raspberry or Blackberry, and are of low growing habit, more like the Dewberry, of very large, strong canes or vines, without thorns, but have very fine soft spines like those found on Raspberry plants; leaves of dark green color, coarse and thick, more like those of the Raspberry than the Blackberry. The fruit is as large as the largest sized Blackberry, is of the same shape, with globules similar to that fruit; color, when fully ripe, a dark rich red. It partakes of both the flavors of the Raspberry and Blackberry, being a combination of the two mixed, a very pleasant, mild, vinous flavor, delightful to the taste, not found in any other fruit, but peculiar to this alone. It is excellent for the table, eaten fresh or cooked, and for jelly or jams without an equal. The fruit is firm and carries well, seed small and few. The vines are enormous bearers. Ripening very early—beginning with Strawberries, and the bulk or nearly all ripe and gone before Raspberries become plentiful, rendering it a very valuable fruit for market. Price, 30c each; 10 for $2.50.

PARTIAL VIEW OF 1000 ACRES OF ONION SEED GROWN ON THE MORSE RANCH NEAR SANTA CLARA, CALIFORNIA

To Our . . .

Friends and Customers

WE EXTEND hearty greetings and good wishes for a happy and prosperous New Year. We take pleasure in submitting our **1898 Catalogue** for their kind consideration, when placing their orders, and at the same time tender our sincere thanks for their loyal support and favorable recommends to others. Had our customers not become our friends, it would have been impossible to have built up a business that is acknowledged to be the largest and **most progressive** on the Pacific Coast.

Telling Facts

The purchase of no other merchandise is more important than that of seeds; the wise gardener and planter has the harvest in view when he selects his seedsman; his seeds are the fouudation of his crop; he requires **the best seeds that grow,** and the varieties **that pay best.** It has been our constant effort and study to ascertain what is best for our climate, what will succeed best, and where to grow our supplies. We have no hesitation in saying that our efforts have been **successful.** Leading gardeners and planters use our seeds, knowing them to be the best. The majority of agriculturists and growers throughout California are our customers because they get satisfaction. With others we ask the favor of a trial order.

Our Plant Department

The steady increase in our plant trade has necessitated further additions to our green-houses this season. We have undoubtedly the most completely equipped houses for growing our supplies of any in California. Our desire and purpose is to please every purchaser, We invite inspection of our list; it will be found to include only the most desirable varieties, with many new additions in bulbs and plants.

ITEMS OF IMPORTANCE TO PURCHASERS

OUR TERMS ARE STRICTLY CASH WITH THE ORDER.

Purchasers will please be particular, and send a sufficient amount to cover their orders. **When only a part of the amount is remitted, goods will be sent only to the amount of the remittance. Should the remittance exceed the amount of the goods sent, the balance will be returned to the purchaser with the goods.** We have been compelled to adopt this rule on account of the inconvenience and expense of collecting small balances due from many of our Patrons at the close of our business season.

How to Order

Please be *very careful* to always sign your *Name*, *Post-office*, *County* and *State* on *each* and *every letter* sent us. Cash should always accompany the order. Money can be sent safely, either by Post-office Order, Bank Draft, Express, or small sums by Registered Letter. On orders of over $1.00 the cost of remitting by any of these methods may be selected in extra seeds free. We receive *Postage Stamps*, in small amounts, the same as cash.

What We Guarantee

That all seeds sold by us shall prove to be as represented to this extent, that should they prove otherwise, we will replace them, or send other Seeds to the same value. But we cannot guarantee the crop any further than the above offer, as there are so many causes which operate unfavorably in the germination of Seeds and the maturity of the crop, over which we have no control. Among the causes of failure may be mentioned unfavorable weather, which is one of the most important. The soil may be in proper condition when the Seed was planted, but the weather which follows may be cold and wet, which will cause the Seed to rot; or it may be hot and dry, which destroys the germ before it shows itself. The soil may also be uufavorable for the variety of Seed planted. The seeds may be and are frequently destroyed by vermin of various kinds. And lastly, changes not unfrequently occur, especially among new hybridized varieties, by which different sorts are produced. which give the planter the idea that his seeds are badly mixed. Such occurences are beyond the power of man to prevent, and for which we cannot be responsible.

ESTABLISHED 1876 . . . **. . . INCORPORATED 1890**

COX SEED AND PLANT CO.

San Francisco, Cal.

VEGETABLE SEEDS

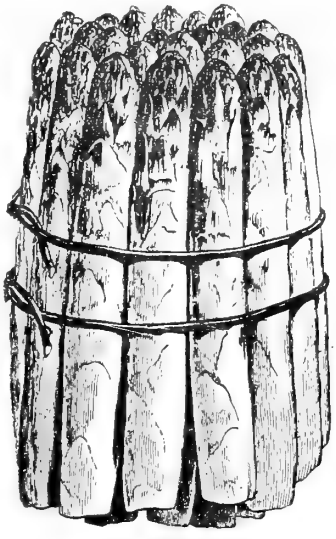
Postpaid by Mail We Mail and pay postage on all Seeds in packets, ounces, ¼ lbs., and lb., purchased—excepting Beans Peas, and Corn—from this Catalogue.

Artichoke **Green Globe**—Much esteemed for its delicately flavored flower heads, which are prepared for eating like Brussels Sprouts or Kale. Pkt 5c; oz. 25c; ¼ lb 75c; lb $2.50.

EARLY MOHAWK

Asparagus **Conover's Colossal**—A mammoth sort frequently sending up 15 to 30 sprouts from 1½ inches in diameter from a single plant, and spreading less than most sorts. Color, deep green; good quality. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c; 2-year-old roots, per 100 $1.50; per 1000 $10.00.

Palmetto — An improvement on Conover's, in that it yields a much heavier crop; is fully as large and of much more even and regular size. It is fit for use nearly a week before the Conover's; will be of great value to market gardeners. Pkt 5c; oz 10c; ¼ lb 25c; lb 80c.



ASPARAGUS

Cox's California Mammoth—This grand variety, grown side by side with Conover's Colossal, and subject to the same treatment, *comes in earlier and grows more than twice as large.* It is tender to the stem and of a delicious flavor, which, together with the fact that it requires much less labor in cutting and bunching, thus lessening the expense of marketing makes it the most desirable of any kind yet introduced for the market gardener. It has attracted much attention in San Francisco markets, where it is much sought after, and sells at double the price of any other sort. Price of seed: Pkt 10c; oz 25c; ¼ lb 40c; lb $1.50.

Columbia White Mammoth—Magnificent variety of asparagus; furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 or 90 per cent white plants from seed Pkt 5c; oz 15c; ¼ lb 40c; lb $1.25.

BEANS

Dwarf Varieties

Early Mohawk—Very early and will stand more cold than most of the Bush varieties, and on this account is considered the best for first planting; pods pale green, long and flat; seeds large, kidney-shaped, brown and purple marbled. Lb 10c; 100 lbs $7.00

Cox's Improved Red Valentine—A decided improvement on the old favorite, the Early Red Valentine. It is ten days earlier, and much more prolific, and retains in the greatest perfection all the excellent points that have made the "Early Red Valentine" so very popular. Per pound 15c; per 100 lbs $8.00.

Early Long Yellow Six Weeks—Early, very productive and of excellent quality. Pods often 8 inches long. Seeds, when ripe, yellow or dun color. Lb 10c; 100 lbs $6.00.

Early China Red Eye—An old popular early variety; excellent both for string and shell Beans, green or dry. Lb 10c; 100 lbs $6.00

German Black Wax or Butter—(Stringless). An excellent and highly esteemed String Bean, with transparent, wax-yellow, tender pods. Lb 10c; 100 lbs $7.50.

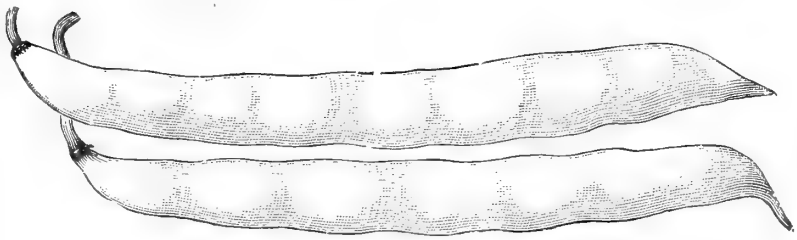
White Wax or Butter—(Stringless). A most excellent variety of this class of beans, so highly esteemed for their white, tender, succulent pods; seeds are white, as well as the pods; very prolific. Lb 10c; 100 lbs $7.00.

Extra Early Refugee—Is entirely superseding the old but very popular Refugee, which has long been a very great favorite; its pods are round, of a bright green color and very productive, and always certain of producing a crop. Lb 10c; 100 lbs $7.00.

Wardwell's Kidney Wax—This variety is very hardy, and both pod and plants are more robust than usual for a Wax Bean. The shape of the beans is distinct from all other Wax varieties, being of a perfect kidney shape. It produces a heavy crop of purely Wax pods which are very long, flat, showy, and not liable to rust or blister. Lb 15c; 100 lbs $10.00.

White Crease Back—Handsome green pods, grows from 5 to 6 inches long perfectly round, entirely stringless, and very fleshy; one of the best of the green-podded sort. Pkt 10c; lb 15c.

Golden Wax—A strong-growing, distinct variety, at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap Bean it perhaps excels all others in tenderness and richness of flavor. Lb 10c; 100 lbs $7.00.



GOLDEN WAX BEAN

Canadian Wonder—Handsome flat pods of great length and very tender. For string beans it has become a great favorite, while for fresh shelled beans, cooked like Limas, hardly any variety can approach it in rich flavor and handsome appearance. Pkt 10c; lb 15c; 100 lbs $8.00.

Refugee or One Thousand to One—Very productive, and good for pickling. Lb 10c; 100 lbs $6.00.

Black Eyed Wax—This valuable variety has made a most favorable impression. A cross between the Black Wax and the Golden Wax and the earliest Wax variety in cultivation. A robust grower, very productive, very tender, and of exceptionally fine flavor. Lb 15c; 100 lbs $8.00.

Dwarf Limas

Burpee's Lima—Grows 18 to 20 inches high; each bush bearing from 50 to 200 handsome large pods, well filled with very large beans which are *identical in size and luscious flavor with the well-known large Pole Limas, and comes absolutely true from seed.* By the introduction of this most valuable novelty, the largest and best Lima Beans can now be raised in quantity at small cost without the expense and labor attached to the use of poles. Pkt 10c; lb 15c; per 100 lbs $10.00.

Henderson's Lima—Grows in a bush from 15 to 18 inches high. The beans are of the size of the Sieva, or Southern Lima and of delicious flavor. Pkt 5c; lb 10c; per 100 lbs $8.00.

Dreer's Lima—Grows about two feet high, matures early, and remains green for a long time after ripening. Compared with the old Large Lima, the individual Beans are not so large. Pkt 10c; lb 15c.

One Packet each of the Three Dwarf Limas for 20 Cents

POLE BEANS

Large White Lima—The best variety of the many tall sorts listed by many seedsman. A large, late Bean, with broad, rough pods; seeds white, broad and rather full. It is a general favorite where it can be cultivated. Lb 10c; 100 lbs $7.00.

Horticultural or Speckled Cranberry—A round, speckled Bean, tender for Snap Beans, and excellent for shelling. Lb 10c; 100 lbs $7.00.

Scarlet Runner—A great favorite, both ornamental and useful. Height 10 feet, presenting dazzling scarlet flowers from July to October. Used both as string bean and shelled. Pkt 10c; lb 15c.

White Dutch Runner—Similar to the preceding, excepting seeds and flower, which are white. Pkt 10c; lb 15c.

Old Homestead—**Improved Kentucky Wonder**—Enormously productive, the pods hanging in great clusters from top to bottom of pole, which are of a silvery-green color entirely stringless; they cook deliciously tender and melting; they cannot fail to become a very great favorite. Lb 15c; 100 lbs $8.00.

Dutch Case-Knife—Is an excellent pole-bean, and very productive; is of a fine flavor and earlier than the Lima, or the Carolina; it can be used as a snap-short, or shelled, and is well-adapted for winter use. It is also an excellent variety to grow on Corn, and is sometimes called the Cornfield Bean. Lb 10c; 100 lbs $7.00.

Southern Prolific—An excellent bean for cooking in the pod. The pods are produced in clusters, the growth is rapid and the pods brittle and tender. It is one of the most popular beans in the Southern States. Lb 15c; 100 lbs $8.00.

English or Broad—The celebrated Broad Bean of England, growing on a strong stalk about two feet high. Beans eaten shelled. Lb 10c; 100 lbs $4.00.

BEET

MANGEL WURZEL

THE value of these for Stock Feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a trifling cost, and selected seed will yield immense crops per acre. Five to six pounds of seed required per acre.

Cox's Mammoth Long Red Mangel Wurzel—This improved variety of Mangel is the result of careful selection of selected roots, single specimens weighing from 40 to 50 lbs., and producing from 70 to 80 tons to the acre. Our stock of this variety has been grown for us in Germany, which we offer at a small advance of the ordinary Long Red Mangel. Oz 10c; lb 30c; 10 lbs and over, 20c per lb.

Golden Tankard—**Best for Dairy Farming**—Considered *indispensable* among English Dairy farmers; it is stated by them they are able to obtain a higher price for milk when feeding cows on Golden Tankard. Sheep thrive on it. Other Mangels cut white circled with yellow, but Golden Tankard is of a rich, deep yellow throughout. Early, hardy and a heavy cropper, for, on account of its shape, roots can be left standing close in rows. *Do not omit this variety when ordering.* Oz 10c; lb 40c; 10 lbs and over, 35c.

Champion Yellow, or Orange Globe Mangel—A globe-shaped, orange-yellow root, of large size, and fine nutritive qualities, growing partly above ground, and from its shape succeeds well on light land. It is of beautiful shape, neat top, fine clear skin, single tap root, and of choice quality; a sure cropper and an excellent keeper; rather better keeper than the Long Red. Oz 10c; lb 30c; 10 lbs and over, 25c per lb.

Yellow Globe Mangel Wurzel—A large, round, orange-colored variety of excellent quality, which keeps better than the Long Red, and produces better crops on shallow soil. Oz 10c; lb 30c; 10 lbs and over, 25c per lb.

Taber's Gate-Post Mangel—This variety, originated by Mr. Taber, the prominent English seed-grower, has, since its introduction in England a few years since, rapidly popularized itself, and is pronounced by leading English farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2000 to 2500 bushels to the acre. Pkt 5c; oz 10c; ¼ lb 20c; lb 65c; post-paid; 5 lbs and over, by express, 50c per lb.

SUGAR BEET

Lanes' Improved—A variety produced by repeated selections; a fine exhibition variety; it is of fine form, very productive and very desirable for stock. Lb 30c; 5 lbs by express, per lb 25c.

French Silesian Sugar—Grown for sugar and cattle feeding. Oz 10c; lb 30c; 5 lbs by express, per lb 25c.

Vilmorin's Improved White Sugar—An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar. Oz 10c; lb 50c.

Klein Wanzleben—This is the variety of Sugar Beet which the analytical chemists of the German Beet Sugar Factories have united in recommending as possessing the highest sugar-producing qualities, which scientific investigations have been fully sustained by the practical results of sugar making in the factories, as much as eighteen tons of sugar having been made from one hundred tons of roots of this variety. Oz 10c; lb 50c.

EGYPTIAN BEET COX'S IMP. BLOOD TURNIP BEET ECLIPSE BEET

Cox's Improved Blood Turnip

A carefully selected type of the early Blood Turnip, remarkable for perfect symmetry of shape, freedom from side or fibrous roots, and fine quality. It grows uniformly to a good, large size, flesh deepest blood red, fine grained, very sweet and tender. Valuable for table use; *early* and also unsurpassed to keep for winter use. When wanted for winter use the seed should be sown later. Oz 10c; ¼ lb 20c; lb 70c.

Extra Early Bassano—This Beet is a standard sort; root slight red, turnip shaped, and will grow to a large size; flesh tender and juicy and boils white. Oz 10c; ¼ lb 20c; lb 60c.

Long Blood Red—A well-known, hardy variety; grows from 10 to 14 inches long, and from 4 to 6 inches thick. It is very productive. An excellent winter variety. Oz 10c; ¼ lb 20c; lb 60c.

Dark Red Egyptian—A new variety, and one of the earliest; very deep red, tender and delicious; in form like the Flat Dutch Turnip. Oz 10c; ¼ lb 20c; lb 60c.

Eclipse—A new beet from Germany, very regular, of globular shape. It has a small top, is of dark red blood color, sweet and fine grained flesh. It comes earlier than the Egyptian. oz 10c; ¼ lb 20c; lb 60c.

Broccoli

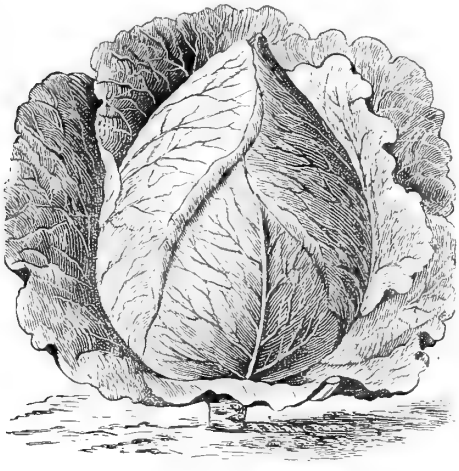
Early White Cape—This is the variety most generally cultivated, producing large, close heads, of a creamy white, and is of an excellent flavor. Pkt 5c; oz 25c; ¼ lb 80c; lb $3.00.

Brussels Sprouts

THIS species is cultivated as greens for fall and winter use; sow the seed in spring in seed beds, and transplant and treat the same as Winter Cabbage. An ounce of seed will produce about 5000 plants. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

COX'S SELECTED FLAT DUTCH CABBAGE.

Cox's Selected Flat Dutch As a variety for the winter market it has no superior, and is more extensively grown than any other. Head large, bluish-green, round, solid, broad and flat on top, and often tinted with reddish-brown after being touched with frost; they open white and crisp, are tender and well flavored. It is a fall and winter variety and one of the very best to keep. With good cultivation on moist, rich ground, ninety-five in a hundred will head up hard and fine. Pkt 5c; oz 35c; ¼ lb $1.00; lb $4.00.



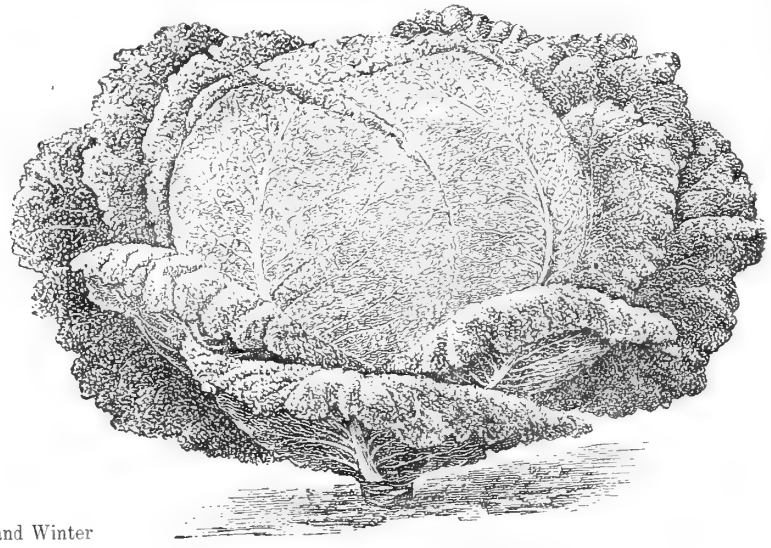
COX'S EARLY SPRING CABBAGE

Large Late Drumhead—Large, solid heads. Fall and Winter variety. Pkt 5c; oz 20c; ¼ lb 50c; lb $1.50.

Cox's Early Spring—The early Cabbage of the San Francisco market gardeners; pointed or conical heads; very solid. It is superior to any of the earlier Cabbages of the Eastern markets; sure to head and of the finest quality. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

Surehead—This sort produces large, round flattened heads which are very uniform, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper and of fine quality; but its most important quality is *its certainty to head*. Pkt 5c; oz 25c; ¼ lb 80c; lb $3.00.

Marblehead Mammoth—The largest grown. Under extra tillage and rich soil, it attains a weight of 40 to 50 pounds. Pkt 5c; oz 20c; ¼ lb 50c; lb $1.50.



IMPROVED AMERICAN SAVOY CABBAGE

Improved American Savoy—An extra fine Savoy A sure header, with large wrinkled heads that are delightfully tender and crisp. A fall and winter Cabbage, keeping well and not losing its fine flavor. A superb sort for the home garden. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

Early Drumhead—Second early; round, flat heads. Pkt 5c; oz 15c; ¼ lb 50c; lb $1.50.

Early Jersey Wakefield—One of the earliest and hardiest heading of the extra early sorts, and most gardeners depend upon it for the bulk of their extra early crop. Our stock is grown and selected with the greatest care, and there is none better and few as good. Heads conical, very compact and solid, of excellent quality Pkt 5c; oz 15c; ¼ lb 75c; lb $2.00.

Early Dwarf York—One of the most popular early varieties. Heads small roundish ovoid; firm and tender. Pkt 5c; oz 15c; ¼ lb 50c; lb $1.50.

Mammoth Rock Dutch—This is by far the best, largest and surest-heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of deep red color. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.50.

Large Late Drumhead—Large, solid heads; fall and winter variety. Pkt 5c; oz 20c; ¼ lb 50c; lb $1.50.

Stonemason—A short-stemmed, quick-growing, excellent market sort. Pkt 5c; oz 15c; ¼ lb 50c; lb $1.50.

Fottler's Improved Brunswick—Extra stock; the best early Drumhead; always pleases. Pkt 5c; oz 15c; ¼ lb 35c; lb $1.50.

Early Winningstadt—Second early; heads solid in the hottest summer. Pkt 5c; oz 15c; ¼ lb 50c; lb $1.50.

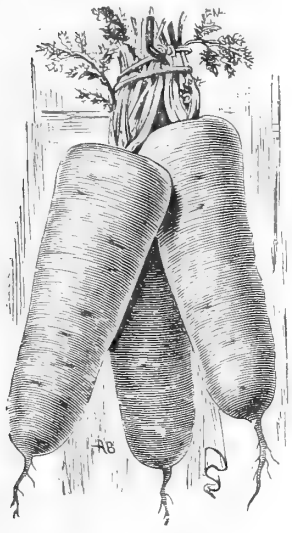
All Seasons—This variety of Cabbage may be planted early or late. It forms firm, hard round heads, flattened on the top. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

Vandergaw—This cabbage, for a midsummer variety, stands at the head of the list. It comes in about a week after the Early Summer, making larger heads uniform in size, color, solid and tender. Pkt 10c; oz 30c; ¼ lb 85c; lb $2.75.

Succession Cabbage—Early maturing; later than Early Summer and twice its size. This variety will be grown mainly for midsummer use, also valuable as a Fall or Winter variety, as its firm, solid head makes it an excellent keeper. Pkt 10c; oz 30c; ¼ lb 85c; lb $2.75.

CARROT

Ox Heart or Guerande—(*Stump Rooted.*)—This new French Carrot is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half Long and Horn varieties, attaining a diameter of three to four inches at the neck, of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Also excellent for feeding stock. Pkt 5c; oz 15c; ¼ lb 20c; lb 60c.



HALF LONG RED

Early Scarlet Horn—This is one of the earliest; color, deep orange, and finely flavored. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

Cox's Improved Long Orange—This is a *decided improvement* over the ordinary Long Orange. The roots grow remarkably uniform and smooth, being always well formed and of larger size, better flavored, and of deeper orange color. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

Half Long Orange or Danvers—A variety intermediate in size and period of maturity between the Early French Forcing and Long Orange. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

Half Long Red, Stump Rooted—A great acquisition, suitable for shallow soils, remarkably smooth in skin, rich in color, and of uniform texture throughout. It is of a very fine quality for table use and is a good variety for forcing. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

Chantenay—The finest in color, the best in form, and the most productive of all the stump-rooted varieties. For either market or home use, it is the best. Of fine flavor, either in soups, stews, or boiled. For ordinary feeding purposes it meets all requirements, as it keeps well, crops well and can be used more economically than any other. Pkt 5c; oz 10c; lb 70c.

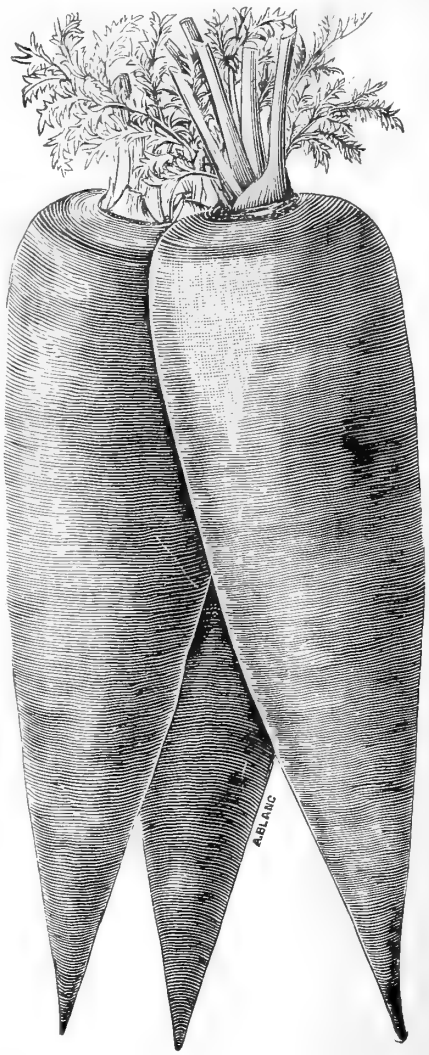
Long White or Belgian—Grows to a large size; roots pure white; extensively raised for feeding stock. Pkt 5c; oz 10c; ¼ lb 15c; lb 45c.

EARLY FRENCH FORCING

Early French Forcing—The earliest variety; valuable for forcing; roots small and of fine flavor. Pkt 5c; oz 15c; ¼ lb 25c; lb 75c.

Scarlet Nantes—This is the most popular variety in France for a main crop. The roots are of a beautiful scarlet color, perfectly cylindrical in form with a blunt, rounded point, smooth skin, and neck of the root hollowed out around the leaf-stalk; flesh sweet and of mild flavor and almost coreless. Pkt 5c; oz 15c; ¼ lb 30c lb $1.00.

White Vosges—Very large but short root, smooth, cylindrical and regularly tapering to a point; a good cropper, and easily harvested. This fine variety is rapidly taking the place of the White Belgian. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.



COX'S IMPROVED LONG ORANGE

CAULIFLOWER

COX'S CALIFORNIA WONDER CAULIFLOWER

Cox's California Wonder This new variety comes into market soon after the Early Snowball, producing much larger heads, and of the finest quality. It has been extensively grown for the eastern market the past season by some of our largest growers. Pkt 25c; ¼ oz 50c; ½ oz $1.00; oz $2.00; ¼ lb $5.00.

Veitch's Autumn Giant—This extremely valuable variety is perfectly distinct from any other sort. The heads are magnificent, beautifully white, large, firm and compact, and being thoroughly protected by the foliage, remain longer fit for use than any other sort. Pkt 5c; oz 40c; ¼ lb $1.25; lb $4.00.

Lenormand's Short Stemmed—A very fine French Cauliflower, of short, stocky growth; recommended by French cultivators as one of the best sorts for general cultivation. Pkt 5c; oz 50c; ¼ lb $1.75; lb $6.50.

Large Late Asiatic—A fine, large, white compact variety, later than the Early Paris; if sown at the same time will afford a succession. Pkt 5c; oz 50c; ¼ lb $1.25; lb $4.00.

Half Early Paris or Nonpariel—One of the best; sure to head; of delicious flavor, and good for either early or late. Pkt 5c; oz 60c; ¼ lb $1.75; lb $6.00.

Early Paris—Head rather large, white and compact, stock short. This is one of the earliest and tenderest sorts, particularly when sown in the spring. Pkt 10c; oz 75c; ¼ lb $1.75; lb $7.00.

Extra Selected Extra Early Dwarf Erfurt—One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about 15 inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt 10c; ½ oz $1.50; oz $3.00; ¼ lb $10.00.

Early Snowball—Very early and one of the surest to make fine, large, solid heads. If planted March 1st, large-sized heads will be produced early in June, about one week earlier than other sorts, and scarcely a single head will fail to form. The outer leaves are short, allowing the plants to be set closer together than most varieties. Its dwarf, compact habit of growth renders it one of the best for forcing under glass; although cultivated principally for an early crop, it does equally well for late planting. Pkt 10c; ¼ oz 50c; oz $1.50.

CELERY

White Plume—For Fall and early Winter use this is the most popular celery. The heart and stalk is naturally white, consequently requires very little blanching to be fit for the table. Its eating qualities are equal to the very best of the older sorts, being crisp, solid and of a pleasing nutty flavor, while its white feather-like foliage places it ahead of all others as a table ornament. Pkt 5c; oz 20c; ¼ lb 65c; lb $2.00.

Golden Self-Blanching—The demand for this magnficent Celery has been something remarkable. Almost everyone seemed to want Golden Self-Blanching. Golden Self-Blanching, besides being remarkably stocky and a wonderful grower, is very heavy, perfectly solid, of a delicious, sweet flavor, and with all these points is a wonderful keeper. One would think that these would be a sufficient number of good qualities, but to all these is added *the wonderful quality of self-blanching* without banking up, or any covering to speak of, even the outer ribs become of a yellowish-white color, the heart being large, solid and of a beautiful golden-yellow. Pkt 10c; oz 30c; lb $2.50.

Crawford's Half Dwarf — This variety, when blanched, is of rather a yellowish-white and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds. Pkt 5c; oz 20; ¼ lb 50c; lb $1.50.

Golden Heart—A distinct variety, of sturdy dwarf habit. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Boston Market—A favorite variety, remarkable for its tender, crisp stem and its mild flavor. Pkt 5c; oz 20c; ¼ lb 50c; lb $1.50.

Giant Pascal—It is of nutty flavor and in taste is not bitter or astringent. It grows about two feet high, with stalks that are solid, crisp, not stringy, very large and broader than those of any other. Before blanching it is green with heart of golden-yellow and very full. It is easily blanched, requiring only five or six days earthing up; it is a fine shipper. Pkt 10c; oz 20c; ¼ lb 50c; lb $1.50.

Flavoring Celery—Oz 10c; lb 30c.

Celeriac—(*Turnip rooted Celery*)—Produces turnip-shaped roots which may be cooked and sliced and used with vinegar, making a most excellent salad. Pkt 10c; oz 25c; lb $3.00.

COLLARDS

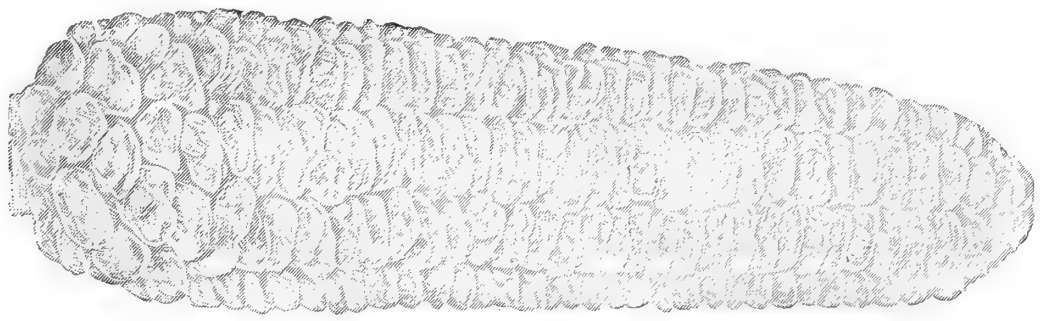
Georgia or Creole—This is the variety extensively used in the South. Forms a large, loose, open head, or a mass of leaves on a tall stem, which are the better for freezing. Pkt 5c; oz 15c; ¼ lb 40c.

If ordered by mail 10 cents per lb must be added for postage.

SWEET CORN

25 lbs sold at 100-lb rates. All varieties 10c per pkt. by mail, postage paid.

Early Minnesota—This, we claim, is the very best early sweet corn we have ever tried; plant dwarf; ears short but fine, and of excellent quality; it has a white cob and is very desirable. Lb 10c; 100 lbs $7.00.



CORY'S EARLY SWEET

Extra Early Cory—The earliest variety of Sweet Corn known. Has a large ear, considering the size of the stalk; small cob well filled with broad grains. A valuable sort for market. It is handsome in appearance, sweet, and of fine quality. Lb 10c; per 100 lbs $8.00.

Early Eight-Rowed Sweet, or Sugar—This is an old standard variety of Sweet Corn, becoming fit for use about the same time as Crosby's Early, or perhaps a little earlier. Lb 10c; per 100 lbs $7.00.

Crosby's Early Sugar, or Boston Market—One of the best of the Early sorts; ear short. Lb 10c; per 100 lbs $7.00.

New Red Cob Evergreen—It produces from three to four ears to a stalk. The ears are set low on the stalks, are very thick and regular in size, are 16-rowed, and of delicious quality. Lb 15c; 100 lbs $10.00.

Stowell's Evergreen—Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. Lb 10c; 100 lbs $7.00.

Black Mexican—A rather short, black variety; very sweet and delicious. Lb 10c; per 100 lbs $8.00.

Russell's Prolific—A very superior, early variety, the sweetest of the very early sorts. Ears eight to ten inches in length. Lb 10c; 100 lbs $8.00.

Potter's Excelsior—The ears are large, 12-rowed, and well filled out with deep grains. Very sweet, tender and sugary. Lb 10c; 100 lbs $8.00.

Early Bonanza—This corn is early and the ears large. An excellent market and family sort. Lb 10c; per 100 lbs $8.00.

Country Gentleman—A variety which produces ears of full size, of delicious sweetness; from three to five ears to a stalk. Lb 15c; 100 lbs $9.00.

Moore's Concord—Medium early; large, well-filled ears; of excellent flavor. Lb 10c; per 100 lbs $7.00.

Ne Plus Ultra, or Shoe Peg—This variety ears profusely, frequently bearing two or three, and sometimes four, ears to a stalk. The kernels are deep, placed irregularly but very compactly upon the cob. It matures medium to late. Its unusually sweet and pleasant taste makes it a popular favorite. Lb 15c; 100 lbs $10.00.

Mammoth Sugar—A vigorous, large, early variety, grown extensively in Alameda County for the San Francisco market. Lb 10c; per 100 lbs $6.00.

Sweet Corn for Fodder—There is nothing better for green feed or for curing for winter than Sweet Corn. Cattle highly relish it, feed on it, and keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalk and leaves, and, consequently none is wasted. Also excellent for soiling. Sow thickly in drills or broadcast at the rate of 100 lbs per acre. Lb 8c; 100 lbs $4.50.

If ordered by mail 10c per lb must be added for postage.

FIELD CORN

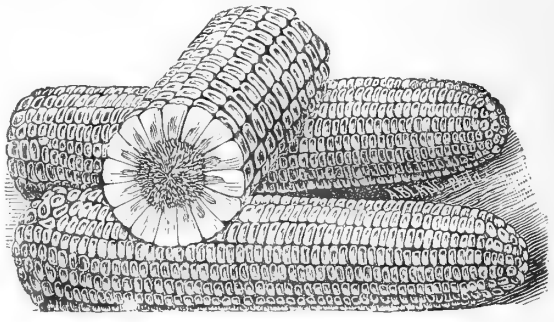
25 lbs sold at 100 lb rates. All varieties 10c per pkt. by mail, postage paid.

Yellow Leaming—There are more bushels planted of this excellent sort than of any other one large yellow dent variety. By annual selection it has become a fixed and pure variety. It is a pure, glossy yellow, earing low on a strong, heavy stock; ears have from 20 to 28 rows of 30 to 50 grains each; square and deep; ripens quite early, frequently maturing in 100 days after planting. Lb 7c; 100 lbs $4.50.

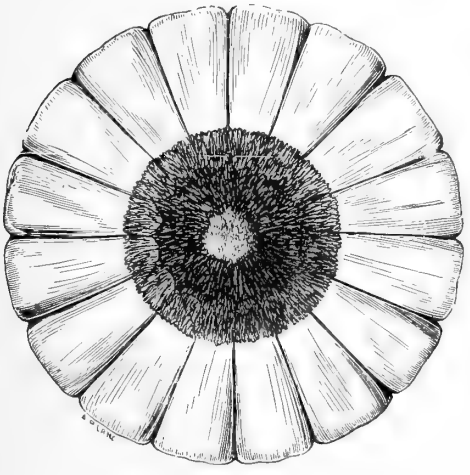
Golden Beauty—Matures early; ripens in 100 to 110 days from planting, and surpasses all in size and beauty of grain. Lb 10c; 100 lbs $5.00.

King of the Earliest—One of the earliest yellow dent corn in cultivation. Stalks grow from six to seven feet high; ears, 7 to 9 inches long; very deep, soft grain and small, red cob; it ripens in eighty days from planting and is a week to ten days earlier than "The Pride of the North," and "Yellow Canada Flint." Lb 10c; 100 lbs $5.00.

Early Large White Flint—The old Hominy eight-rowed variety; very early, productive, and of good quality. Lb 10c; 100 lbs $5.00.



GOLDEN BEAUTY



CHAMPION WHITE PEARL CORN

Champion White Pearl—The stalk is short and thick. The ear grows low on the stalk, from 7 to 12 inches in length, almost parallel throughout; of medium size, averaging sixteen rows of grain. The grains are pure white, very deep, compact and heavy. The cob is small. It makes a superior quality of corn meal; matures early. We recommend it highly. Lb 10c; 100 lbs $4.00.

Pop Corn

White Pearl—Our common market variety. Pkt 5c; Lb 10c.

White Rice—A very handsome variety; kernels long, pointed and resembling rice; color, white; very prolific. Pkt 5c; Lb 10c.

Queen's Golden—The stalks grow six feet high, and the large ears are produced in abundance. It pops perfectly white, and a single kernel will expand to a diameter of one inch. Pkt 5c; Lb 15c.

Corn Salad

A remarkable hardy plant, used as a small salad through the winter and spring. Sow in September, thickly, in shallow drills; keep clear from weeds. Pkt 5c; oz 10c; lb 75c.

CRESS OR PEPPERGRASS

—Extensively used as a small salad; very useful and healthy. Can be used alone or mixed with other salads, for which it is highly esteemed; also useful for garnishing; sow seeds thickly in shallow drills about a foot apart; repeat at intervals. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

Watercress

This is sown by the side of running water; it is altogether an aquatic plant and forms an early and wholesome spring salad. Pkt 10c; oz 50c.

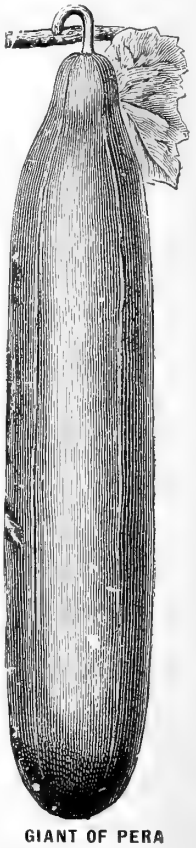
Chervil

An aromatic, sweet herb. The young leaves are used in soups and salads. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.00.

Chicory

The roots of this vegetable are much used in Europe as a substitute for coffee. One ounce will sow a bed of four and one half by thirty feet; four lbs to the acre

Large Rooted or Coffee—Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.



GIANT OF PERA

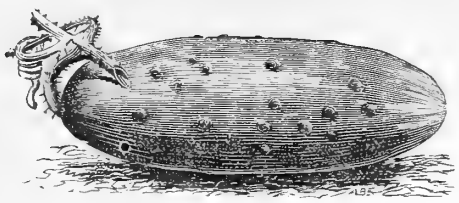
COX'S CHOICE CUCUMBER SEEDS

From Carefully Selected stock seed, each variety being carefully grown, isolated from all others to keep each variety pure and true.

Early Cluster—A short prickly variety. Usually grows in clusters. Is a prolific bearer; and, except the early Russian, is the earliest sort. Flavor excellent. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Long Green—An old standard variety; long, straight, smooth and solid, sometimes growing 18 inches in length; excellent for pickling. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Giant Pera—This variety was brought here from Turkey. They are of delicious flavor, crisp and tender, and can be eaten at any time during growth. They grow to an enormous size, frequently to 1½ feet in length; smooth and straight, with a beautiful green skin. Pkt 5c; oz 10c; ¼ lb 30c; lb 90c.



IMPROVED EARLY WHITE SPINE

Early Frame—The standard variety and a most prolific bearer. Fruit medium size, and excellent for using in green state, or for pickling. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Cox's Improved Early White Spine—For both market use and pickling this variety is now more largely grown than any other. Our seed is of the true original Boston Market stock, and is vastly superior to the unimproved White Spine. Market gardeners and pickling establishments have here a cucumber that is admirably suited to their wants. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c; 5 lbs and over, 45c per lb.

Cool and Crisp—The earliest and most prolific variety; valuable for pickling, being of good size, tender and crisp. Pkt 5c; oz 15c; ¼ lb 30c ; lb $1.00.

Paris Pickling—Very long, slender and covered with hair like pickles; flesh hard, tender and crisp. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Everbearing—A variety very useful on account of its everbearing character; cucumbers perfect in shape and of the right size for pickling. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.00.

Early Short Green—Very productive; good for table and pickles. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c; 5 lbs or over, 50c per lb.

Early Russian—Earliest in cultivation, being ten days earlier than the Early Cluster, which it resembles. Fruit sets in pairs, and when full grown is 3 or 4 inches in length. Finely flavored. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Boston Pickling—A distinct variety, which has obtained a great popularity in Boston markets as a pickle. It is medium long and a great producer. Pkt 5c; oz 10c; lb 50c.

Gherkin—Very small variety, used wholly for pickling. Pkt 10c; oz 15c; lb $1.50.

Nichol's Medium Green—This new variety is excellent as a pickle sort, and for forcing purposes there is no better variety. It is very productive, of medium size, and always straight and smooth. Color dark green; flesh crisp and tender. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

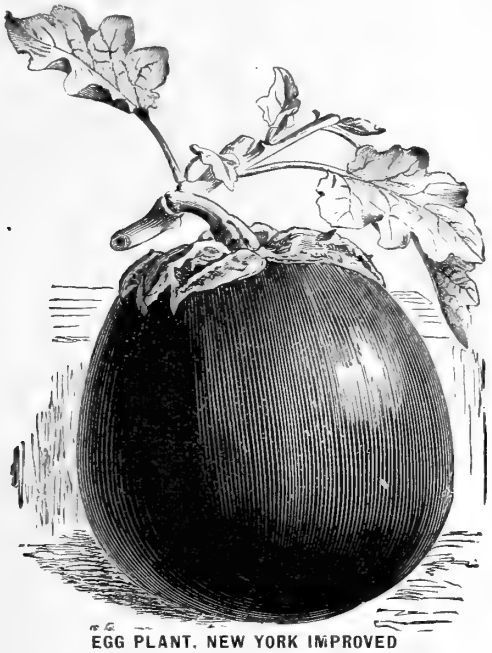
Japanese Climbing—It is entirely distinct, throws out strong grasping tendrils which enable it to climb any suitable support—thus keeping the fruit well off the ground; productive. Pkt 5c; oz 10c; ¼ lb 30c.

English Frame Cucumber

Cardiff Castle—A handsome variety of extra fine quality, about 18 inches in length. Per pkt 25c.

Telegraph—A splendid market variety about 20 inches in length. white spine perfectly straight. Per pkt 25c.

Tender and True—A handsome Cucumber with scarcely any neck, 24 to 30 inches long, dark green color, excellent quality; very large and of good shape and color; one of the best. Per pkt 25c.



EGG PLANT, NEW YORK IMPROVED

EGG PLANT

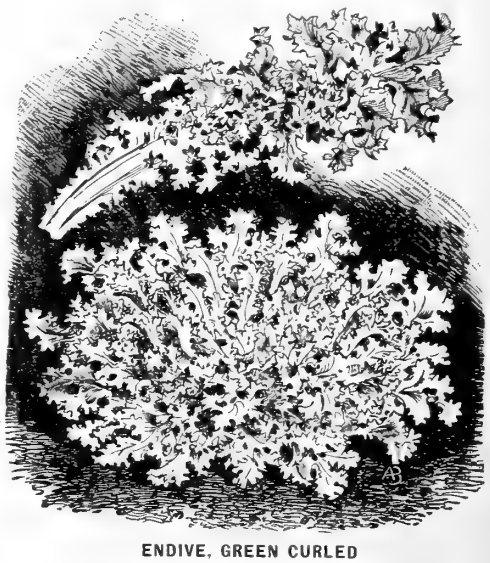
Early Long Purple—Early and productive; fruit of good quality. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

New York Improved Purple—A superior market variety. It grows to a large size; oval-shaped, and dark purple color. Pkt 10c; oz 50c; ¼ lb $1.25; lb $4.00.

Kale or Borecole

Tall Green, Curled Scotch—Grows about two feet high, with an abundance of dark green leaves, which are very curly and wrinkled. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.

German Dwarf Green—Rarely exceeding eighteen inches in height, but spreading out under good cultivation to three feet in diameter. The leaves are beautifully curled and of a bright purple. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.



ENDIVE, GREEN CURLED

ENDIVE

Green Curled—Finely curled, dark-green leaves, excellent plant. Not only most useful as a salad, but much used for garnishing. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.

Broad Leaved—Batavian (*Escarolle*). Leaves broad and nearly plain; chiefly used in stews and soups. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.

Kohl Rabi

Or Turnip-Rooted Cabbage—This vegetable partakes of the nature of both the turnip and of the cabbage, and may be cultivated same as the Ruta Baga. By many the Kohl Rabi is highly esteemed for culinary purposes. An ounce of seed will produce two thousand plants.

Early White—A fine early variety for table use. Pkt 5c; oz 15c; ¼ lb 70c; lb $2.50.

Large Green—A very productive sort for farm culture. Pkt 5c; oz 15c; ¼ lb 50c; lb $1.50.

LEEKS

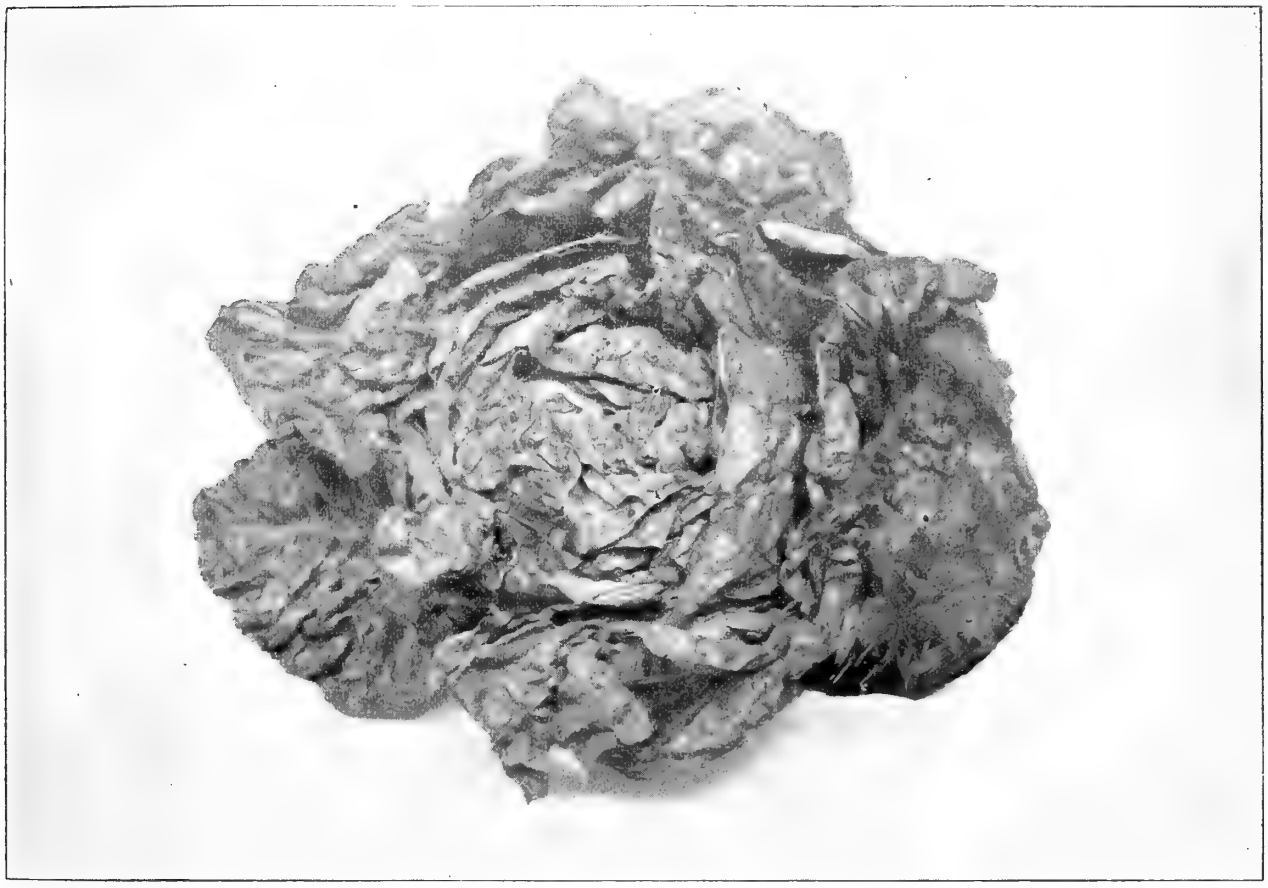
THIS plant has the flavor of the onions. The lower or blanched portion is used for flavoring soups, or boiled and served as asparagus. One ounce of seed will sow a bed of sixty feet square.

Large American Flag—A favorite variety with the market gardener. Of strong and vigorous growth. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.

Large Flag, or London—This is the sort usually cultivated. It is a hardy and vigorous plant. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.00.

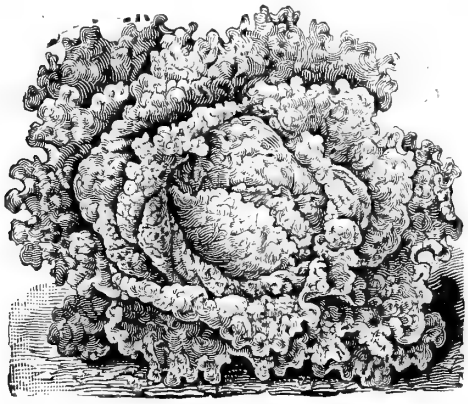
Musselburgh—Stem somewhat shorter than the London, but of equal thickness; leaves broad and tall, spreading like a fan; hardy. Pkt 5c; oz 10c; ¼ lb 50c; lb $1.50.

LETTUCE



COX'S IMPROVED PASSION LETTUCE

Cox's Improved Large Passion—(The true black seed) It produces very fine, large, solid, white heads, which will measure from twenty to twenty-two inches in circumference; crisp and tender and of excellent flavor. Pkt 10c; oz 35c; ¼ lb 75c; lb $2.50.



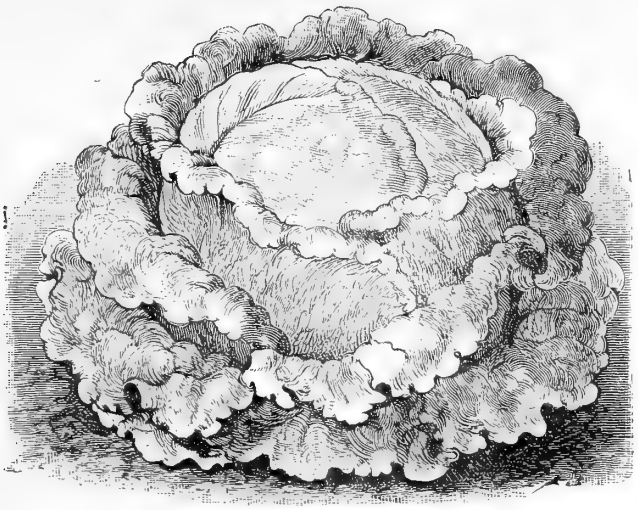
NEW ICEBERG

Ice Drumhead—Heads readily; blanches naturally; crisp, tender, well flavored. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Cox's Improved Hanson—Heads very lage, solid; sometimes weighing two or three pounds; tender, crisp, and of fine flavor; color beautiful—green on outside and white within. Stands the summer heat well; one of the very best in cultivation. Pkt 10c; oz 15c; ¼ lb 30c; lb $1.00.

New Iceberg—The large curly outside leaves are light green, and with a slight reddish tint at the edges. The leaves have small indents, which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystaline appearance, hence its name. The iceberg is the hardest heading sort we know. An excellent Lettuce for the home garden and for the market. Pkt 5c; oz 15c; ¼ lb 45c; lb $1.50.

Grand Rapids Forcing—As a forcing variety for winter and early spring use, this stands at the head of the list. It is beautiful in appearance, a strong grower, very tender and crisp, and retains its freshness a long time after being cut. Pkt 5c; oz 10c; ¼ lb 35c; lb $1.00.



CALIFORNIA CREAM BUTTER

Cox's Royal Summer Cabbage — Color, light yellow; leaves uniform, nearly all turned into the head, which is well formed, good size, close and a little flattened. It stands the heat well. Pkt 10c; oz 35c; ¼ lb 75c. lb $2.50.

Early Curled Simpson—An improved variety over the Silesia, very early and an excellent sort for forcing; is largely grown by the market gardeners in the vicinity of New York. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Cox's California Cream—This variety forms large, solid, round, compact heads, light green outside and creamy yellow within. It is medium early and strongly recommended as a summer variety, being very slow to shoot to seed. Pkt 10c; oz 35c; ¼ lb 75c; lb $2.50.

Cox's White Cos—One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Philadelphia Butter—Heads of good size, close and well formed; very tender and of excellent flavor. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

We also carry the following varieties of Lettuce, all at 5c per pkt.

	Per Oz.	¼ lb	Per Lb.
Boston Market—An improved variety of the Tennisball	$0 10	$0 25	$0 90
American Gathering—Very solid, crisp, and fine flavor	10	25	90
Tennisball—Very hardy sort, fine for forcing	10	25	90
Black Seeded Simpson—Excellent, large variety; stands the heat well	10	25	90
Satisfaction—Large heading sort, tender and crisp	10	25	90
Boston Curled—Quality poor, but beautifully curled	10	25	90
Early Curled Silesian—A leading sort highly esteemed	10	25	90
Tomhannock—Upright variety, large heads; stands the heat	10	40	1 25
Philadelphia—Early, handsome, large heads, well formed	10	25	90
Blonde Blockhead—Hard heads, of a golden-yellow color	15	40	1 25
Denver Market—Fine, large, solid heads, good quality	10	25	90
New York—Large, solid heads, dark green	10	30	1 00
Early Prize Head—Large, loose heads, tinged with brown	10	25	90

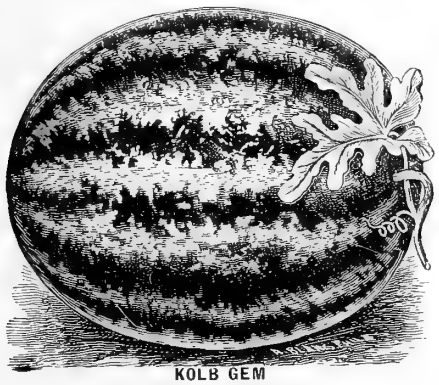
COX'S SELECTED MELON SEEDS

SEED saved from only selected Melons. The San Francisco markets are noted for their fine, large Melons. It has always been our aim to furnish market gardeners and retail customers with only the finest seed obtainable, and as we have had many acres of Melons raised for our special trade, and under our supervision, we feel warranted in claiming that seeds of finer quality cannot be obtained. We mail and pay postage on seeds in pkts, ounces and lbs.

COX'S SELECTED LODI

A large solid, cream-colored Melon, with flesh deep red, of a rich, delicious flavor, with only half an inch of rind, white seeded. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

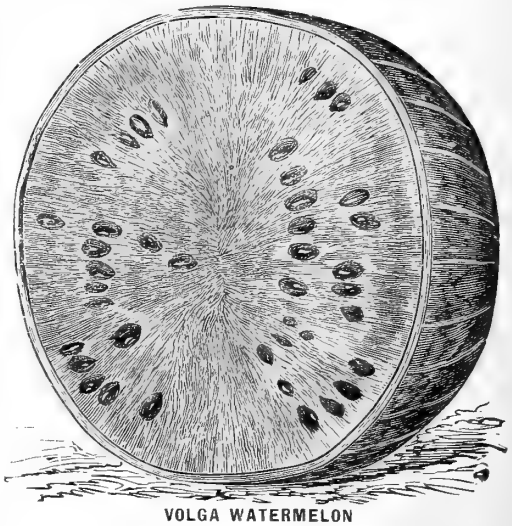
Mammoth Ironclad — This Melon originated with a prominent Melon grower in South Delaware and resemble in its markings the popular Cuban Queen. Grows uniformly, very tough, and hard, thus rendering it very valuable for shipping. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.



KOLB GEM

Southern Rattlesnake or Gypsy — Fruit, oblong; skin, light green beautifully striped; thin rind; flesh, scarlet, solid and deliciously sweet. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c

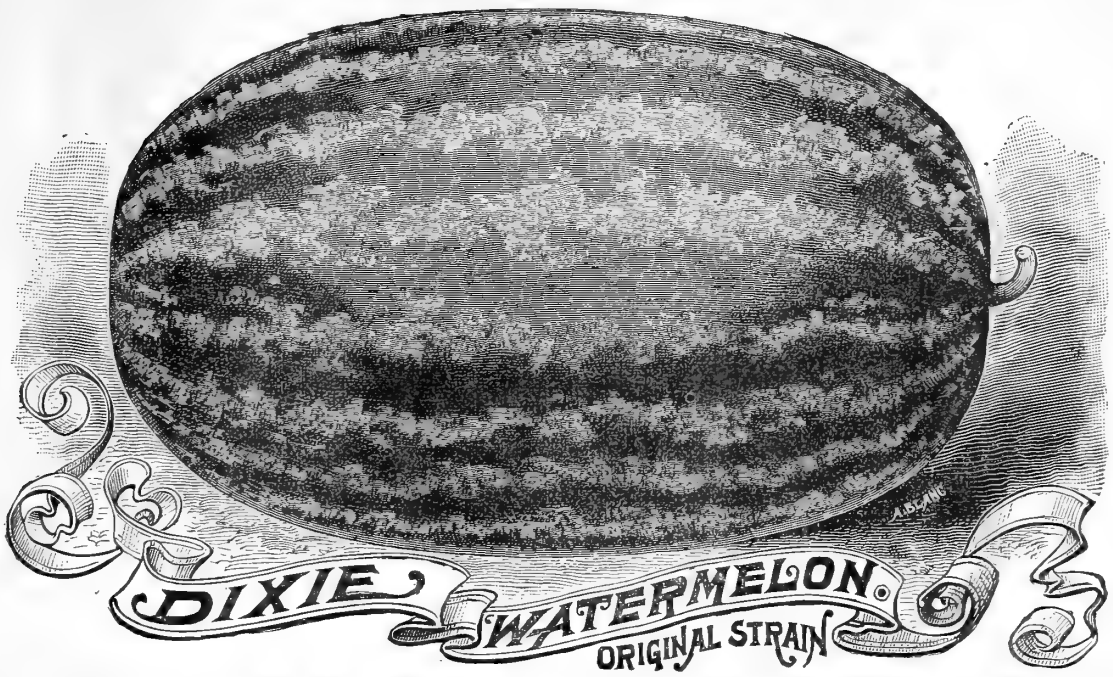
Kolb Gem—This Southern Melon comes to us most highly recommended, and although as yet little known in the north, bids fair to have a national reputation, both on account of its most excellent shipping qualities and delicious flavor. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.



VOLGA WATERMELON

Volga—A Russian Melon of excellent quality; perfectly globular in shape; very productive; attaining an average weight of fifteen pounds. For private use it should be grown largely, as it is of fine flavor and attractive appearance. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.50.

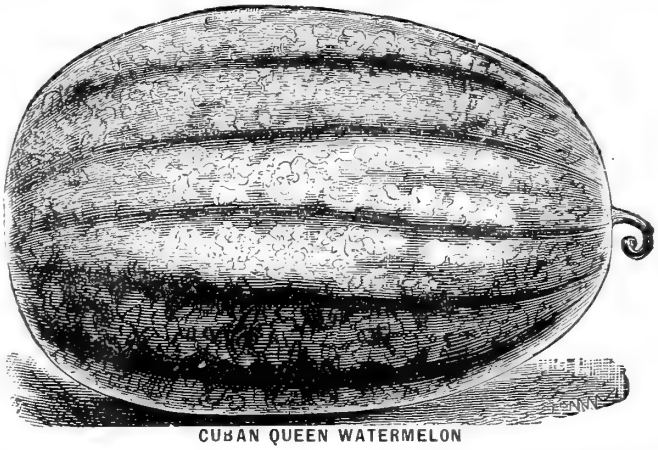
COX'S SELECTED MELON SEEDS—Continued



THE DIXIE *Best shipping Melon* grown, being even *larger, earlier, and far more productive* than the Kolb's Gem, which has heretofore been considered the best Melon for shipping. It is of a very fine appearance; dark and beautifully striped; it is extremely hardy, while its eating quality is unexcelled, being sweet, juicy and tender. Pkt 5c; oz 10c; ¼ lb 20c; lb 75c.

Christmas—A fine appearing Melon and one of splendid flavor; also a wonderful keeper. Its shipping qualities are far ahead of most Melons. Although the rind is thin, it is exceedingly tough and will stand a great deal of handling. Pkt 10c; oz 15c. ¼ lb 30c; lb $1.00.

Cuban Queen Watermelon
This illustration from a photograph gives a fair idea of their form, size and markings. The skin is beautifully striped dark and light green—of the latter there being two shades agreeably diversified. Their flesh is *bright red, remarkably solid, peculiarly luscious, crisp and sugary*. In delicious flavor it surpasses the celebrated Icing. They are wonderfully solid and good keepers, excellent to ship to market. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.


CUBAN QUEEN WATERMELON

McIver Sugar Melon—A handsome Melon, oblong in shape; quality very superior; thin rind, flesh of a soft pale pink. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Gray Monarch—Skin beautifully mottled, of a very light green, one of the finest flavored melons grown; specimens have been raised weighing 60 to 70 lbs. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Sweet Heart—Fruit large, oval, very heavy, uniformly mottled, light, and dark green rind; thin, but firm flesh, bright red; firm, solid, but very tender. Pkt 5c; oz 10c; ¼ lb 20c; lb 65c.

Fordhook Early—One of the largest, earliest melons in cultivation; flesh, bright red, and sweet; very desirable for home, market, and shipping. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

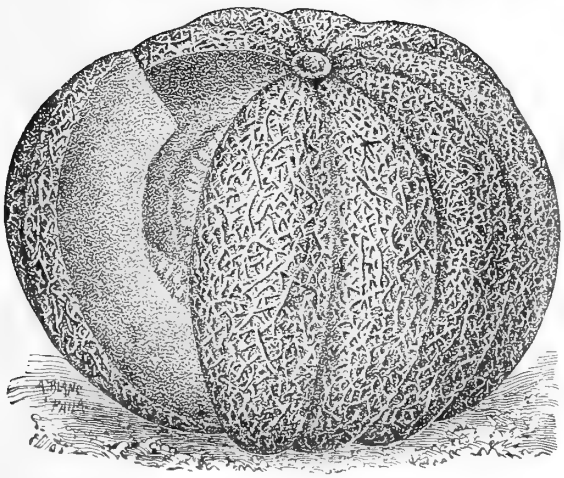
White Gem—Round in shape, of a beautiful cream white color, flesh of a rich bright pink, very juicy, and sweet in flavor. Pkt 5c; oz 10c; ¼ lb 25c; lb 60c.

Hungarian Honey—Round, dark green, almost the sweetness of honey; one of the finest varieties grown. Pkt 5c; oz 10c; ¼lb 25c; lb 75c.

We also carry the following varieties of Watermelons; all at 5c per packet:

	Per Oz.	¼ lb	Per Lb.
Ice Cream or Peerless—Rind, thin light green; solid and sweet	$0 10	$0 15	$0 50
Vicks Early—Very early; oblong in shape; solid and sweet	10	15	50
Light Icing—An excellent Melon; equal to the Ice Cream	10	15	50
Mountain Sprout—A large long striped variety; well flavored	10	15	50
Phinney's Early—Very early; flesh bright red, tender	10	15	50
Scaley Bark—Skin, dark brown; quite smooth; flesh, light crimson	10	15	50
Seminole Extra Early—Very productive; light green	10	20	60
Green and Gold—Very thin rind; flesh of a beautiful golden color	10	20	70
Black Spanish—A round variety; color, dark green	10	15	50
Mountain Sweet—Long oval shaped; flesh, scarlet	10	15	50
Florida Favorite—Oblong in shape; dark and long green stripes	10	20	60
The Boss—Medium size, dark skin, long shape; flesh, solid	10	20	60
Colorado Preserving—A distinct variety of the ordinary preserving variety	10	20	60
Pride of Georgia—Round in shape, striped light and dark green; good quality	10	20	60

MUSKMELON



CALIFORNIA LARGE NUTMEG

California Large Nutmeg—This illustration is the finest Musk Mellon that comes into the San Francisco markets. It is of large size, with rough, netted skin, one of the handsomest Melons grown, and being almost solid one of the best for shipping. Has thick, dark green flesh, of delicate flavor, with a small seed cavity; Pkt 5c; oz 15c; ¼ lb 30; lb $1.00.

Early Hackensack—A variety of Green Citron, well known among New York market gardeners. It grows to a very large size, is productive and of excellent flavor. Pkt 5c; oz 15c; ¼ lb 30c; lb 60c.

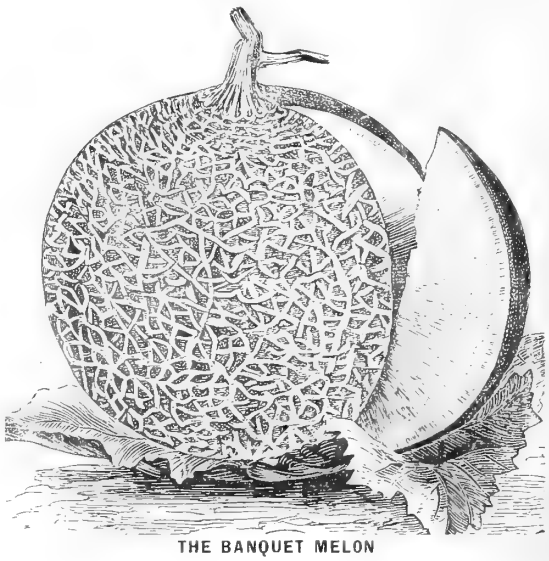
Skillman's Netted—Form, roundish, oval; flesh deep green, sweet and richly perfumed; early and delicious. Pkt 5c; oz 15c; ¼ lb 20c; lb 60c.

Melrose Melon—Color of the rind, rich dark green, shape oval, flesh thick and solid; one of the finest flavored Melons grown; very early; melons averaging about four pounds each. Pkt 5c; oz 10c; ¼ lb 35c; lb $1.00.

Montreal Improved Green Nutmeg—This magnificent variety is largely grown by a few market gardeners in the neighborhood of Quebec and Montreal, Canada, whence it takes its name. The fruit is nearly round, slightly flattened at the ends, with a densely netted, green skin. They grow to a very *large uniform size*, averaging from fifteen to twenty pounds in weight. The flesh is *remarkably* thick and of good flavor. Pkt 5c; oz 15c; ¼ lb 20c; lb 75c.

MONTREAL IMP. GREEN NUTMEG MELON

The Banquet—The flesh is a dark, rich salmon color, uniformly thick and of granulated character; perfectly round shape. The skin is not ribbed, but is *densely netted over its entire surface*. Illustration was accurately engraved from a photograph. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.



THE BANQUET MELON

We also carry the following varieties of Musk Melons, all at 5c per pkt.

	Oz.	¼ lb.	lb.
Banana—Grows eighteen to twenty-four inches long; a curiosity	$0 10	$0 20	$0 60
Jenny Lind—Size small, but very delicious; flesh light green	10	20	60
Osage, or Miller's Cream—Flesh of a rich salmon color, finely netted	10	20	60
Surprise—Good bearer, round in shape, and of excellent flavor	10	15	50
Perfected Delmonico—Uniform in shape, finely flavored	10	15	50
Acme, or Baltimore—Medium size, finely netted, green fleshed	10	15	50
Bay View—Large size, sixteen to eighteen inches long; flesh thick; rich green color	10	15	50
Green Citron—Large roundish, flattened at the ends, fine flavored	10	15	50
Large Yellow Cantaloupe—Of good size, netted, and slightly ribbed	10	15	50
Emerald Gem—Emerald green color, of excellent quality; very thick	10	20	60
Golden Netted Gem—Remarkably uniform in shape and size; thick meated	10	20	60
Cassaba—A Melon of large size and delicious flavor; sixteen to eighteen inches long	10	20	60

MUSHROOM SPAWN

MUSHROOMS may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure and lay it in a heap to ferment; turn and mix well every few days, and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from seventy-five to fifty degrees, the spawn may be inserted in pieces about the size of a walnut, about two feet deep and six inches apart. Cover with loamy soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay, about a foot thick, to protect from heavy rains. Water, when necessary, with luke warm water, and expect mushrooms in from four to six weeks. They can also be raised in pots, boxes or, in fact, in anything capable of keeping the material together, and placed in a cellar, closet, greenhouse or grapery. **English Spawn**—Lb 20c; by mail, 30c. **French Spawn**—3-lb box, $1.00.

ONION SEED

OUR Onion Seed is all grown from choice selected bulbs. It is a well-known fact to the seed merchants of the world that California grown seed is heavier, plumper and produces finer Onions than seed grown in any other part of the world. Onion Seed grown in California finds ready sale with all the large seed houses of the East, and has proved to be of much stronger vitality than Eastern grown.

Red Wethersfield—This is the favorite Onion where immense crops are grown for shipment. It is very productive, the best keeper in cultivation, of large size, skin deep, purplish-red; shape, round, somewhat flattened, strongly flavored, with purplish-white flesh and moderately fine grained. The most popular onion for family use and general cultivation. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.00.

Extra Early Red—This is a very early variety, forming full-grown Onions by the last of July or early in August; it is smaller in size and of a flatter shape than the Large Red Wethersfield and of a much milder flavor; it is grown extensively for the Dark Red Onion Set; it is of a deep red color, close grain, solid and heavy, and a good cropper. Pkt 5c; oz 10c; ¼ lb 30c; lb 75c.

Yellow Globe Danvers—This is the most popular and most extensively cultivated of all varieties; it is an Annual, seed sown in early spring will produce full grown Onions by September; it is of a beautiful straw color, of large size, a fine keeping variety, and will yield in good soil from 600 to 700 bushels per acre. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Flat Danvers—A very early sort of great merit; one of the best yellow kinds for market. Pkt 5c; oz 10c; ¼ lb 35c; lb 75c.

Yellow Dutch or Strasburg—Is of the same shape as the White Silver Skin. Color, brownish-yellow; bulb quite flat and of a good size. This is the variety grown extensively for sets. Seeds sown in this latitude in spring form the small set by July; these are planted out the following spring and form full grown Onions by midsummer; they are more hardy than the Whites and therefore keep better through the winter. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.50.

South Port Yellow Globe— Our seed of this valuable heavy cropping sort is raised from the finest selected Onions, which are large in size and handsome in appearance. Those who have grown either the Red or White Globe varieties will understand that the Yellow Globe is identical with them in shape and size, differing only in color. Pkt 5c; oz 15c; ¼ lb 40c; lb $1.50.

White Portugal or Silver Skin—This is the famous variety which is sown so extensively for growing Onion Sets, from which full grown Onions are produced by June and July; it is not only the most mild but the most delicately flavored variety and generally preferred for table use; is of the same shape as the Yellow Dutch or Strasburg, of a silvery-white color and exceedingly attractive; it is also used, when quite small, for pickling purposes. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

Southport Red Globe—With the exception of color, this variety is identical with the Southport Yellow Globe; its beautiful form and rich purplish-crimson color makes it a very saleable variety, and in some localities it is preferred to the Yellow; it is a good keeper of fine quality. Pkt 5c; oz 25c; ¼ lb 65c; lb $2.25.

White Globe—A large, globe-shaped Onion, firm, fine-grained, of mild flavor, keeps well, commands the highest market price. Pkt 5c; oz 20c; ¼ lb; 60c; lb $2.00.

Large White Italian Tripoli—A new and excellent variety, of quick growth and mild flavor. Pkt 5c; oz 40c; ¼ lb $1.00; lb $2.50.

White Barletta—This variety is almost distinct on account of its great earliness. It is of a beautifully waxy white color and grows 1¼ inches in diameter and ¾ of an inch thick, with finely formed bulbs slightly flattened at the top. Its earliness will highly recommend it. Pkt 5c; oz 20c; ¼ lb 50c; lb $1.50.

Spanish King or Prize-taker—A large beautiful Onion that is seen every fall on sale at the fruit stores and stands in the large cities. The outside skin is of a rich yellow straw color, while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks, andhave produced more bushels of Onions to the acre than any other variety known. In market it attracts more attention than any other sort on sale. Pkt 5c; oz 20c; ¼ lb 60c; lb $1.50.

Red Bermuda—Of immense size and beautiful form; skin, thin and of a rich blood-red color; flesh, white, fine-grained, mild and pleasant. The first season from seed it will grow an Onion from one to one and a half pounds, but to contain the full size the bulb should be set the following spring. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

White Bermuda—Similar in shape and size to the red, with fine white skin and flesh. Pkt 5c; oz 20c; ¼ lb 75c; lb $2.00.

Giant Rocca—A splendid, large variety from Naples, globularshaped, a bright, brown skin and delicate flavor. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

El Paso, or Large Mexican—Grows in Mexico to a diameter of six inches and to a weight of two or three pounds, and used in that region in preference to any other sort. Color variable from white to light red; flesh white, rather coarse grained, but of very mild flavor. Resembles a Mammoth White Portugal. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

MAMMOTH SILVER KING

Mammoth Silver King We have imported seed of this truly Mammoth variety *direct from the originator* in Italy. It reaches a larger size than any of the flat white varieties, frequently measuring *twenty inches* in circumference and weighing three to four pounds. Pkt 10c; oz 25c; ¼ lb 75c; lb $2.50.

Yellow Onion Sets—Lb 25c. **White Onion Sets**—Lb 25c. **Top Onion Sets**—Lb 25c.

Okra or Gumbo

SOW about middle of spring, in drills; and then thin the plants to a foot apart. Highly esteemed and cultivated for its green seed-pods, which are used in soups or stewed and served like asparagus. Should be gathered while young and tender, and for winter use, slice into rings and dry on strings or otherwise.

White Velvet Okra—Pkt 10c; oz 15c; ¼ lb 25c; lb 80c.

Long Green Long ribbed pods. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c

PUMPKINS

Connecticut Field—A large, yellow variety, hard shell; an excellent variety for field culture. Pkt 5c; oz 10c; ¼ lb 15c; lb 25c.

Cushaw—Similar in many respects to the Winter Crooked Neck Squash; flesh, yellow, fine-grained and sweet. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Mammoth Tours—Grows to enormous size, has weighed as high as two hundred pounds and frequently weighs one hundred to one hundred and fifty pounds. Pkt 10c; oz 30c; ¼ lb 40c; lb $1.50

Parsley

Fine Double Curled—Fine dwarf; crimped leaves. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

Emerald or Dwarf Extra Curled—Leaves tender, beautifully crimped; handsome bright green color. Pkt 5c; oz 10c; ¼ lb 25c; lb 80c.

Parsnips

The soil should be deep, rich and mellow. As the roots are long and slender, the deeper and more thoroughly the soil is stirred the better. When the soil is shallow, or where there is clayey or gravelly sub-soil, the roots will be short and branched and deficient in the mild, tender and sugary properties which they possess, when grown under more favorable circumstances.

Long White—Roots long, white, sugary and fine flavored. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

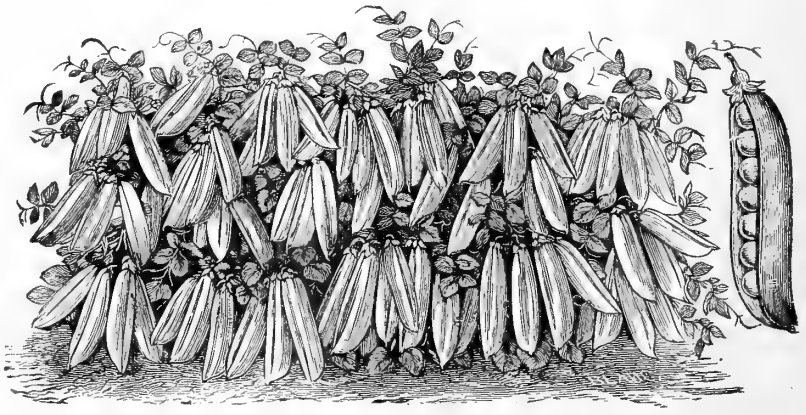
Hollow Crown—Roots about eighteen inches long and four inches in diameter at the crown; fine flavor. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

PEAS

Our prices by the packet include postage. If ordered by mail in larger quantities, 8 cents per pound extra. 25 lbs sold a 100-lb rates.

American Wonder—One of the earliest wrinkled Peas in cultivation; exceedingly productive and very dwarf and compact growth, growing only from ten to eighteen inches high. Pkt 10c; lb 15c; 100 lbs $8.00.

Cox's Earliest of All—This is *unsurpassed in extra earliness and productiveness. None ripen earlier*, and few as early. Height about two feet; quality, excellent, and the crop can be gathered in two pickings; also for a late fall crop it is unsurpassed, growing with rapidity. Pkt 10c; lb 15c; 100 lbs $7.00.


AMERICAN WONDER

Nott's Excelsior Pea

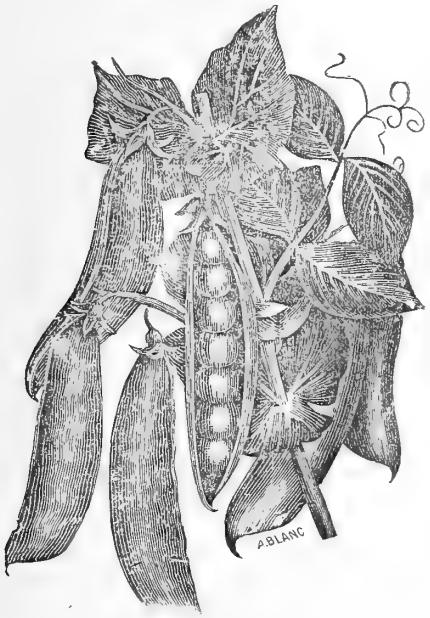
The best of recent introductions; vines are larger and more vigorous than the American Wonder, while the pods are fully one-third larger, in sweetness and quality have no equal, being superior to any other wrinkled sort. Pkt 10c; lb 25c; 100 lbs $12.00, by freight.

Daniel O'Rourke—A popular early sort; hardy, and a good bearer, but not as early as the Extra Early. Height, three feet. Pkt 10c; lb 15c; 100 lbs $8.00.

Philadelphia Extra Early—This is, in reality, the same variety as the preceding, but the stock is not selected with as particular care. Pkt 10c; lb 12c; 100 lbs $6.00.

McLean's Advancer—A dwarf green, wrinkled marrow, very productive and of an excellent flavor. Pkt 10c; lb 15c; 100 lbs $8.00.

McLEAN'S LITTLE GEM—This is one of the best dwarf wrinkled Peas grown; of delicious flavor, rich and sugary; very early; height, one foot. Pkt 10c; lb 15c; 100 lbs $7.00.



McLEAN'S LITTLE GEM

Blue Peter—One of the best features of this splendid variety is its regular habit of growth. It is a round, blue pea, and comes into bearing about the same time as American Wonder. Pods of medium size and well filled with peas of the finest flavor. Pkt 10c; lb 15c; 100 lbs $10.00.

William Hurst—An early blue wrinkled variety, similar to American Wonder. An abundant bearer, of first-rate quality; as an early Pea it should be grown in every garden. Lb 20c; 100 lbs $12.00.

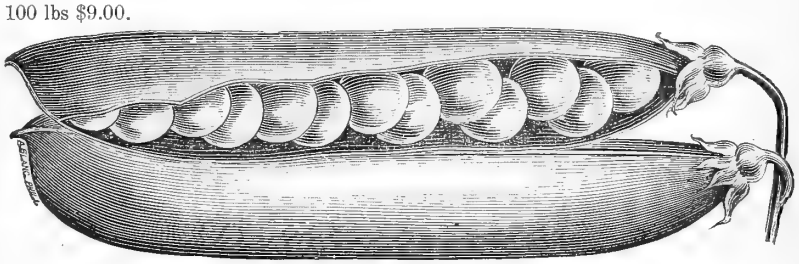
Stratagem—An English blue wrinkled marrow of recent introduction; *vines of strong growth as to need no support*, and remarkably free-bearing; peas, very large and fine flavored; pods sometimes six inches in length and well-filled. Pkt 10c; lb 15c; 100 lbs $8.00.

Late or General Crop

Champion of England—A standard wrinkled variety of delicious flavor; very popular; one of the best in cultivation. Pkt 10c; lb 15c; 100 lbs $7.00.

Yorkshire Hero; Also known as Alameda Sweet Peas—This magnificent variety has become very popular; as a main crop Pea it has few if any equals. Long, round pods, closely filled with large, luscious wrinkled peas; of extra fine quality for table use, and very productive. Pkt 10c; lb 10c; 100 lbs $5.00.

Telephone—Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large, delicious peas. Second early, and also good for general crop; four feet. Pkt 10c; lb 15c; 100 lbs $9.00.



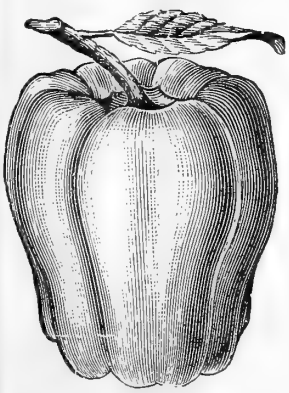
TELEPHONE

Bliss' Abundance—Pods 3 to 3½ inches long, and well-filled, containing from 6 to 8 large wrinkled Peas of excellent quality. It ripens about one week after the earliest kinds. 6 to 8 inches apart in the rows is the nearest that the plants should stand. Pkt 10c; lb 15c; 100 lbs $8.00.

Tall Sugar—Edible pods, purple blossom; the pods when very young are used the same as Snap Short Beans; eating qualities superb; of extraordinary yielding qualities. Those desiring an edible podded pea should not fail to procure this variety. Height, 4 feet. Pkt 10c; lb 25c.

Large White Marrow Fat—A fine large Pea, good flavor. Pkt 10c; lb 15c; per 100 lbs $7.00.

PEPPERS



LARGE BELL OR BULL NOSE

SOW early in hot-bed, or in open-air ground, about the middle of spring. Transplant when three inches high to one foot apart, in drills twenty inches apart, and earth up a little in hoeing, which can be continued until the plants are in full blossom.

Ruby King—Every one who grows Peppers should try Ruby King. Ordinarily they grow 4½ to 6 inches long by 3½ to 4 inches thick. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. Pkt 10c; oz 35c; ¼ lb $1.00; lb $3.50.

Large Bell or Bull Nose—An early variety, of mild flavor, fruit large, slightly tapering, and generally terminating in four obtuse, cone-like points. It is a favorite sort, both for pickling and for use in the crude state. Pkt 10c; oz 30c; ¼ lb 75c; lb $2.50.

Cherry Red—An exceedingly ornamental variety; red, round, very hot, and a great bearer. Pkt 10c; oz 30c; ¼ lb 75c; lb $2.50.

LONG RED POINTED

Squash, or Tomato-shaped—Fruit compressed and more or less ribbed; skin smooth and glossy when ripe; color, red; flesh thick; mild and pleasant to taste. Pkt 5c; oz 30c; ¼ lb 75c; lb $2.50.

Long Red Pointed—Brilliant, long, scarlet conical pods; very piquant, and are much used for seasoning. Pkt 5c; oz 30c; ¼ lb 75c; lb $2.50.

Long Cayenne—Long, red hot and pungent; dwarf growth. Pkt 5c; oz 30c; ¼ lb 75c; lb $2.50.

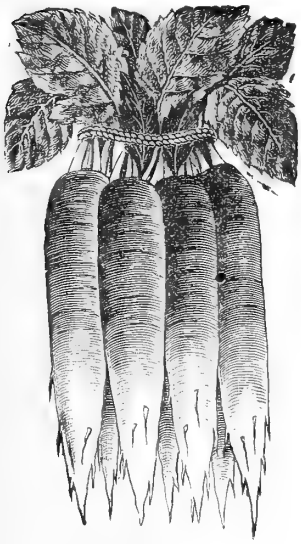
Sweet Mountain—Similar to Large Bell in shape and color, but much larger, and milder in flavor; used for stuffed pickles. Pkt 10c; oz 30c; ¼ lb 75c; lb $2.50.

Chili—In growth like the Cayenne, but smaller and later; used for pepper sauce. Pkt. 5c; oz 30c; ¼ lb $1.00; lb $3.00.

LONG CAYENNE

RADISHES

Improved Chartier Radish—The Chartier Radish is of a very attractive appearance, being scarlet at top, shading to pink in the middle to pure white at the tip. It resembles Long Scarlet in shape, but will grow to about twice the size. It continues growing for a long time without getting pithy or growing to seed. Very valuable for market gardener as well as for private growers. Pkt 5c; oz 15c; lb 75c.



IMPROVED CHARTIER RADISH

Early Scarlet Turnip-Rooted—Differing from the Scarlet Olive in Shape only, this being of a round shape; for early use. Pkt 5c; oz 10c; lb 60c.

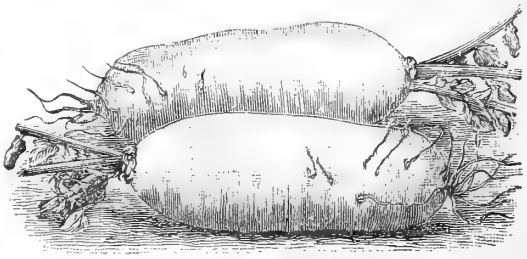
Early Scarlet Turnip-Rooted—White Tipped—Similar to last-named sort, except the white tip of the root; a handsome radish. Pkt 5c; oz 10c; lb 60c.

Early Long Scarlet. (*Short top*)—The standard variety of the long sorts, used either for forcing or open culture; six or seven inches long. Pkt 5c; oz 10c; lb 60c.

Early Scarlet Olive-Shaped—One of the early sorts; much used for forcing, and suitable for early sowing in open air. Pkt 5c; oz 10c; lb 60c.

Early French Breakfast—Similar to the preceding variety in form; color, a handsome scarlet, with a white tip. Pkt 5c; oz 10c; lb 60c.

Mammoth Chinese Radish — A giant white radish, often attaining the weight of *three pounds*. Grown by the Chinese, the seed of which is imported from China. The many inquiries from the Eastern visitors for seed of this enormous radish induces us to place it upon the market. In order to have it pure and true, we have imported the seed *direct from China*. It is pure white, of a mild flavor, tender and crisp. Pkt 5c; oz 15c; ¼ lb 60c; lb $2.00.



MAMMOTH CHINESE RADISH

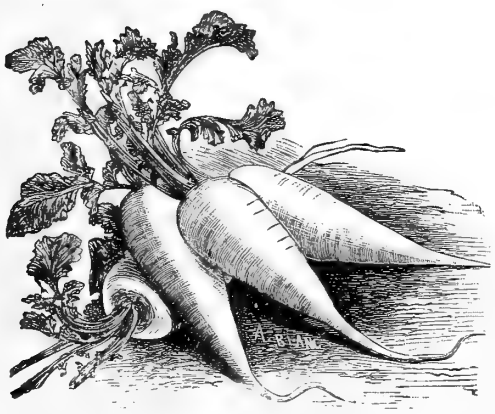
Chinese Rose Winter—An excellent winter radish; medium sized; fine. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Round Black Spanish Winter—A popular winter variety. Pkt 5c; oz 10c; lb 60c.

White Turnip—Similar to Red, except in color; very tender. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

White, Olive-shaped—Similar to the Rose, except in color. Pkt 5c; oz 15c; ¼ lb 20c; lb 60c.

White Strasburgh—A very desirable summer variety and highly prized by market gardeners, all claiming it to be the quickest growing of all Radishes; both skin and flesh are pure white, firm and brittle, and of excellent quality. It grows to a large size and holds its quality well. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.



WHITE STRASBURGH

RHUBARB

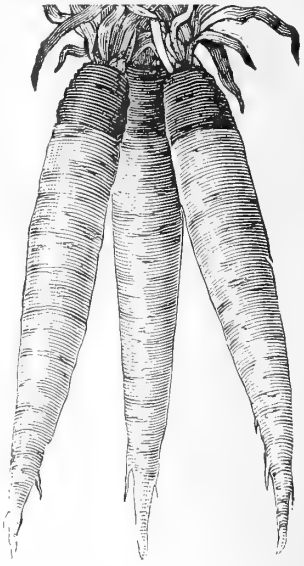
Myatt's Victoria—A large variety; about the best for general use. Pkt 5c; oz 15c; lb $1.50.

Linæus—Large, fine flavored variety. Pkt 5c; oz 15c; lb $1.50

SALSIFY OR VEGETABLE OYSTER

THIS is a vegetable which, when properly prepared, resembles very much in taste and flavor the oyster, from which it takes its name. In growth it is much like the Parsnip, having a long, white, tapering root, with a grassy top. Sow in spring in drills twelve inches apart, and thin out to six inches in the drills. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Mammoth Sandwich Island Salsify—An entirely distinct variety of this vegetable. In all respects it far surpasses the old variety. It is considered very nutritious and wholesome when properly cooked, the roots being mashed or made into fritters, it is almost impossible to distinguish them from the oyster fritters. Pkt 10c; oz 20c; ¼ lb 40c; lb $1.50.



Mam, Sandwich Island Salsify

SQUASHES

Our Seed is saved from Squashes especially grown for seed.

Early Bush Scollop—A good, early summer Squash, taking but little room and bearing abundantly. Plant in hills three feet apart. Pkt 5c; oz 10c; lb 50c.

Early Yellow Bush Scollop—Similar to the preceding, but of a deep orange color. Both varieties are often called "Patty Pan." Pkt 5c; oz 10c; lb 60c.

Perfect Gem Squash—It is a *strong grower*, as many as twenty-four squashes having been produced on a single vine. The Squashes are from four to six inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. The flesh cooked, is *dry, sweet and rich* in flavor. It is a splendid keeper. Pkt 5c; oz 10c; lb 60c.

Winter Crookneck—Of fair quality, very hardy and a good keeper. Pkt 5c; oz 10c; lb 60c.

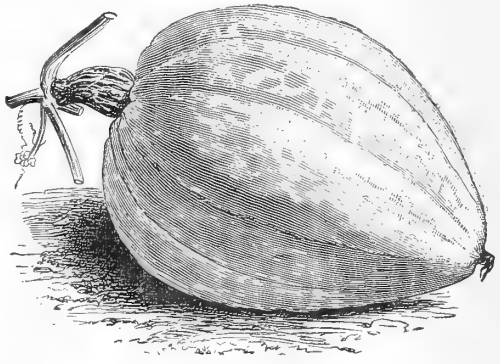
Vegetable Marrow—A favorite English vegetable; skin, greenish-yellow; flesh, yellow, soft and of a rich flavor. It is as easily grown as a Squash and many consider it of finer flavor. Pkt 10c; oz 20c; lb $2 50.

VEGETABLE MARROW

Mammoth Chili—Size, *enormous*, often weighing two hundred and sometimes three hundred pounds. Very profitable for stock feeding, especially where root crops are not grown extensively. Remarkably productive. Pkt 5c; oz 15c; lb $1.00.

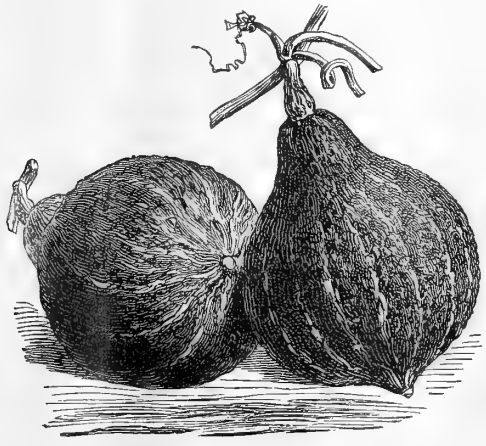
Boston Marrow—A popular fall and winter variety. A thin, bright orange skin; the flesh is a rich salmon-yellow, finely grained, sweet and dry; very prolific; splendid pie and table squash. Pkt 5c; oz 10c; lb 50c.

Pike's Peak or Sibley—Flesh solid, thick, and of a rich golden-orange color. Free from strong squashy taste, dry, fine-grained, rich, and of delicate flavor. Pkt 5c; oz 10c; ¼ lb 20c; lb 75c.



BOSTON MARROW

Hubbard—Generally considered the best winter squash grown. More largely grown as a late sort than any other. It is of large size, often weighing from nine to ten pounds. Color, bluish green, occasionally marked with brownish orange or yellow. Flesh, dark yellow, fine grained, dry and sweet; very hard shell; will keep until spring; very productive. Pkt 5c; oz 10c; lb 50c.



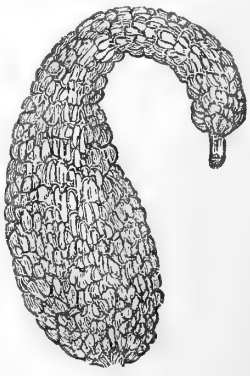
HUBBARD SQUASH

American Turban Squash—Flesh, orange-yellow, thick, fine-grained, sugary; and particularly well flavored. This must not be confounded with the showy but worthless French Turban, or Turk's Cap. Pkt 5c; oz 10c; lb 60c.

ESSEX HYBRID, or Hard Shell Turban—This *new very excellent* Squash is a cross between a Hubbard and the American Turban, having the color, shape and *superior qualities* of the Turban, with the *dryness* and *hard shell* of the Hubbard. It is very early and of quick growth. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

Butman—Skin bright green, intermixed with white; thick shell and thick meated. The flesh is of a lemon color, very smooth and fine grained, dry and sweet. Pkt 5c; oz 10c; lb 60c.

Marblehead—A very good winter Squash; resembling the Hubbard, sometimes quite as good, though more variable. Pkt 5c; oz 10c; ½ lb 60c.



Golden Summer Crookneck

Golden Summer Crookneck—A small crooknecked Summer Squash, skin bright yellow, covered with warty excrescences. Very early, productive, and of excellent flavor. Pkt 5c; oz 10c; lb 85c

Mammoth White Bush Scolloped—One of the earliest summer Squashes; are of a beautiful white color, and grow to a large size. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Fordhook—Fine grain, very sweet and productive; can be used at any time of their growth; skin very thin; good keeper. Pkt 5c; oz 10c; ¼ lb 30c; lb $1.10.

Delicata—Early and prolific; oblong shape, splashed and striped with dark green, very prolific and a good keeper. Pkt 5c; oz 10c; ¼ lb 20c; lb 75c.

The Faxon—A new Squash from Brazil; flesh of a deep orange yellow, with few seeds; one of the best winter varieties known; excellent for pies. Pkt 5c; oz 10c; ¼ lb 20c; lb 75c.

SPINACH

New Thick-leaved Round—Produces large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. Pkt 5c; oz 10c; lb 30c.

Norfold Savoy-leaved—The leaves are numerous succulent, curled, and wrinkled like a Savoy Cabbage. It produces nearly *twice the weight of crop* as the ordinary sorts, and is also the hardiest of all the varieties of Spinach. Pkt 5c; oz 10c; lb 30c.

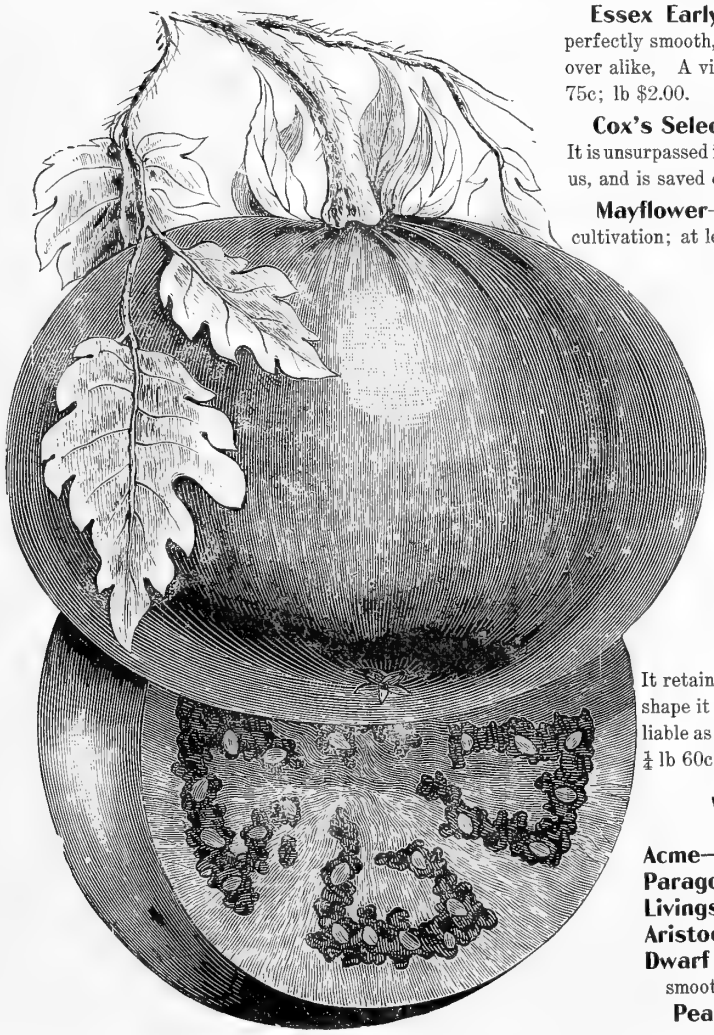
Bloomsdale Savoy-leaved—A large, curled, thick-leaved variety; the market gardeners' favorite. Pkt 5c; oz 10c; lb 30c.

Large Round Viroflay—A variety with large thick leaves; very superior to the ordinary Round. Pkt 5c; oz 10c; lb 35c.

Prickly, or Winter—Hardy for fall sowing. Pkt 5c; oz 10c; lb 30c.

New Zealand—This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry arid localities where the ordinary Spinach does badly. The leaves are eaten boiled like those of other kinds. Lb 60c; ¼ lb 20c; oz 10c; pkt 5c.

TOMATOES



Essex Early Hybrid—Very early, solid, rich flavored, large in size, grows perfectly smooth, and is very productive. Color is of bright pink, and ripens all over alike, A vigorous grower; fruits evenly on the vines. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.00.

Cox's Selected Trophy—This is one of the best tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness. Our seed is carefully grown for us, and is saved only from perfect specimens. Pkt 5c; oz 25c; ¼ lb 75c; lb $2.50.

Mayflower—This new variety is one of the earliest of the large kinds in cultivation; at least one-third larger than the Early Acme; of a bright-red color; ripens evenly, and presents a beautiful appearance; shape, globular, slightly flattened; perfectly smooth; flesh solid. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

Livingston's Perfection—Preferred by many to any other sort and is extensively grown by gardeners who raise fruit for the canning factories. It is invariably smooth and of a handsome deep blood red color; flesh is thick, almost coreless, and contains comparatively few seeds. This was introduced in 1880 and is still considered one of the best varieties for general use. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

Ponderosa—A monster tomato; very handsome, smooth, solid, with but few seeds. Single specimens weighing nearly four pounds. Pkt 10c; oz 30c; ¼ lb $1.00.

Livingston's Beauty—Early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge of purple. It retains its size later in the season than Acme and other good sorts. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

WE ALSO CARRY THE FOLLOWING VARIETIES OF TOMATOES:

	Oz	¼lb	Lb
Acme—Very early, medium, smooth sort; color, dark red	20	50	$1.75
Paragon—Red variety; perfectly smooth	20	50	1.75
Livingston's Favorite—Red; early; good size	20	50	1.75
Aristocrat—Very early and prolific; bright scarlet	30	80	3.00
Dwarf Champion—Early; prolific; purple-fruited; solid and smooth	25	75	2.50

Pear-shaped—Bright red. Pkt 10c; oz 25c; ¼ lb 75c.

Mikado, or Turner's Hybrid—One of the handsomest varieties introduced; color of a purplish-red, like the Acme; flesh solid and firm many specimens averaging a pound in weight. Pkt 10c; oz 25c; ¼ lb 75c; lb $2.50.

TURNIPS

OUR TURNIP SEEDS ARE ALL CHOICE AMERICAN GROWN

Purple Top Strap Leaf—An excellent early variety; large size, and purple color above crown; flesh fine grained and exceedingly rich. This is the best variety cultivated. Pkt 5c; oz 10c; ¼ lb 15c; lb 40c.

White Norfolk—A large English variety, somewhat irregular in form, the upper portion of the root sometimes growing four or five inches above the ground. Flesh white and cross grained, but sweet. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

White Egg—A valuable new variety of very rapid growth; egg-shaped, with thin, white skin. Very solid, firm, fine-grained flesh, of sweet mild flavor. It grows to a good size, and is excellent either as an early or late variety; keeps well. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

Robertson's Golden Ball, or Orange Jelly—A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

PURPLE TOP MILAN TURNIP

Yellow Aberdeen, or Scotch—Hardy, productive, and a good keeper; globe-shaped, yellow; flesh, firm; good for table use or feeding stock. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

Purple Top Milan Turnip—This is emphatically the earliest of the whole turnip family. It resembles in every way the common Early Red Top, with the exception that the purple is of a darker and richer color. It is, beyond all comparison, *the* variety for early market, and every one of our customers will endorse it as a decided acquisition. Pkt 5c; oz 10c; ¼ lb 15c; lb 50c.

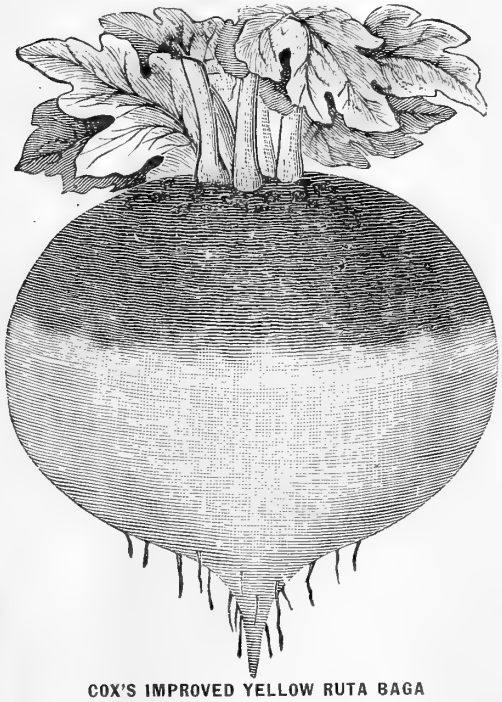
EARLY WHITE FLAT DUTCH

Large Yellow Globe—Handsome, globular-shaped; color, pale yellow with greenish top. One of the best for a general crop, either for table use or for stock; keeps hard and brittle until late in the spring. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.

Early White Flat Dutch—Medium size and early. Of excellent quality while young and tender. Pkt 5c; oz 10c; ¼ lb 15c; lb 40c.

Early White Stone—Somewhat resembles the White Dutch, but more round, stronger foilage and finer texture. Pkt 5c; oz 10c; ¼ lb 15c; lb 40c.

Purple Top White Globe—A variety of decided merit. Of globular shape, very handsome and of a superior quality, either for table or stock. It is a heavy producer, early, of rapid growth and an excellent keeper. Pkt 5c; oz 10c; ¼ lb 20c; lb 60c.



COX'S IMPROVED YELLOW RUTA BAGA

RUTA BAGA or SWEDISH TURNIP

The Ruta Baga succeeds best in deep, rich, mellow soil, which should be deeply plowed and pulverized before sowing the seed, which should be in hills, or rows eighteen inches apart. A pound of seed is sufficient for an acre.

Cox's Improved Yellow Ruta Baga—This magnificent Swede is the result of judicious selections; it is the hardiest, most productive and most nutritious variety. It is a large, purple top, yellow variety; slightly oblong, with single tap root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, and keeps sound and good until late in the spring; flesh always sweet and rich in flavor. Pkt 5c; oz 10c; ¼ lb 25; lb 75c.

Skirving's Purple Top—A fine variety; bulb, ovoid; surface, smooth with but few fibrous roots; flesh, yellow, of solid texture, sweet and well flavored. Under a high state of cultivation upward of nine hundred bushels have been raised from an acre. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Sweet German—One of the best for table use; grows to a good size, and is smooth and clear white; flesh hard and brittle, but cooks tender and sweet; as a winter and spring turnip has no superior and few equals. Pkt 5c; oz 10c; ¼ lb 25c; lb 75c.

Long White or Cow Horn—Matures very quickly; roots shaped like a carrot, about half of which are formed above ground; flesh, white, fine grained, sweet and of excellent quality for table use. Pkt 5c; oz 10c; ¼ lb 20c; lb 50c.

Laing's Strap Leaved Improved—Very early and handsome, yellow flesh; fine for table use. Pkt 5c; oz 10c; lb 50c.

Carter's Imperial Hardy Swede—An English variety, highly recommended as producing extraordinary crops. Pkt 6c; oz 10c; ¼ lb 20c; lb 50c.

TOBACCO SEEDS

Cuban Seed Leaf—Imported stock acclimated, and makes a fine tobacco. Pkt 10c; oz 40c.

Vuelta de Abajo—The finest, silkiest and highest flavored Havana grown. Our crop of this superb variety grown direct from imported seed. Pkt 10c; oz 50c.

Sumatra *(Rano de Deli de)*—The cream of cigar wrappers. Pkt 25c; oz $1.00.

Comstock Spanish—This is an original pure Havana seed-leaf, developed to suitable size for wrappers and fillers by four or five years' replanting. It is held to be one of the very best varieties of cigar tobacco grown in this country. Pkt 10c; oz 50c.

Connecticut Seed Leaf—The largest, finest and best of this indispensable kind, Pkt 10c; oz 25c.

Pennsylvania Seed Leaf—Gessner and other superior kinds. The best grown in the famous Lancaster County district. Pkt 10c; oz 25c

General Grant—One of the finest, earliest and most popular sorts. Pkt 10c; oz 25c.

Havana—Grown from *imported* seed—Vuelta de Abajo—*direct*. Better than imported seed for American planters. Pkt 10c; oz 25c.

We can also supply the following seed which we have not space to list separately: Persian Rose, Honduras, Oronoko, Yellow Pryor, Famous, Gold Leaf, Maryland, Kentucky, Virginia, Mo. Broad Leaf.

AROMATIC AND SWEET HERBS

Anise—Use for garnishing and flavoring Pkt 5c; oz 15c.

Balm—Used for tea or Balm wine. Pkt 5c; oz 50c.

Basil, Sweet —Used for soups, stews and sauces. Pkt 5c; oz 20c.

Bene—Used medicinally. Pkt 5c; oz 20c.

Borage—Excellent for bees, etc. Pkt 5c; oz 15c; ¼ lb 50c.

Caraway—For confectionery and medicine, also flavoring. Pkt 5c; oz 10c.

Castor Oil Bean—For ornament and medicine. Pkt 5c; oz 15c.

Coriander—Grown for its seed, also for garnishing. Pkt 5c; oz 10c.

Cumin—Good for pigeons, etc. Pkt 5c; oz 15c.

Dill—The leaves are used in soups, sauces and pickles; also the seed for flavoring. Pkt 5c; oz 15c; ¼ lb 30c; lb $1.00.

Horehound—Used medicinally. Pkt 10c; oz 40c.

Fennel, Sweet—The leaves are ornamental; when boiled they are used in fish sauces. Pkt 5c; oz 15c; lb $1.00

Lavender—An aromatic medicinal herb. Pkt 15c; oz 25c.

Majoram, Sweet, American—Sweet Majoram grown from American seed is best for winter use, as it makes more bulk. Pkt 10c; oz 30c; ¼ lb $1.00; lb $3.50.

Tarragon — A plant with numerous branching stems, bearing lanceolate leaves, possessing a very delicate aromatic flavor, particularly valuable for seasoning, or in a green state for mixing with salads. Pkt 10c.

Rosemary—An aromatic and ornamental herb. Pkt 10c; oz 40c.

Rue—For medicinal purposes; good for fowls for croup. Pkt 5c; oz 15c.

Sage—The tender leaves and tops are used in sausages, stuffing and sauces. Pkt 5c; oz 20c; ¼ lb 60c; lb $2.00.

Savory, Summer—For seasoning purposes. Pkt 5c; oz 20c;

Tansy—For medicinal use. Pkt 10c; oz 50c.

Thyme, French Summer—Used for seasoning. Pkt 10c; oz 30c; ¼ lb $1.00.

Thyme, Broad-leaved English—For seasoning. Pkt 10c; oz 40c; lb $1.25.

VEGETABLE ROOTS AND PLANTS

We can supply these packed to ship anywhere safely, in the proper season. Our plants are carefullly grown, strong and stocky, and not forced with heat, so as to be weak when received. Send orders early.

Asparagus Roots—If ordered by mail, add 25 cents per 100 for 1-year-old roots, and 50 cents per 100 for 2-year-old roots.

Palmetto.....per 100 $1.25; Per 1,000, $8.00

Columbian Mammoth White—Two-year-old..... " 100, 1.50; Per 1,000, 10.00

Conover's, Colossal—Extra large, two-year-old..... " 100, 1.50; Per 1,000, 7.10

Jerusalem Artichokes—Cooked like Potatoes. At market price.

Rhubarb Roots—(Victoria)—Best sort for general use. Each 15c; doz $1.50.

Celery Plants—White plume; fine plants, ready in March and April. 100, 75c; 1,000, $5.00.

Pepper Plants—Ready May 15th. Bull Nose, Golden Dawn, Long Cayenne, Chili and other varieties, pot-grown plants. Doz 75c; 100, $6.00

Egg Plants, New York Improved—(Pot Plants)—Ready May 15th. Doz $1.00; 100, $6.00.

Tomato Plants—All the best kinds of red and yellow varieties. Ready for shipment May 15th. Doz 30c; 100, $1.50; 1,000, $10.00.

Sweet Potato Plants—Nansemonds; best variety for general cultivation; plants ready in June. 100, 75c; 1,000; $5.00.

Cabbage Plants—Early Jersey Wakefield, Selected Flat Dutch, Large Late Drumhead. 100 50c; 1,000, $4.00.

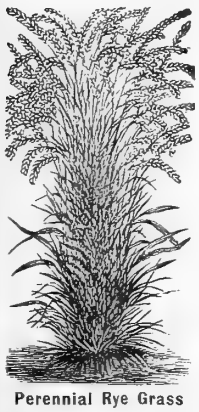
Cauliflower Plants—Early Snowball. 100, 75c; 1,000, $5.00.

NEW CROP GRASS AND CLOVER SEEDS

If ordered by mail, 10 cents per pound must be added for postage. 25 pounds sold at 100-pound rates.

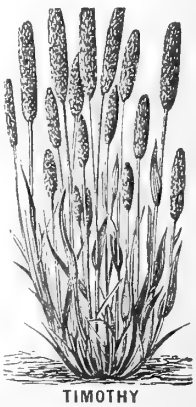
WE claim that we sell the **highest grades of Grass and Clover Seeds that are offered in this country.** The difference in price between choice, clean seed, and second or third quality, is from one to two cents per pound. We do not intend to compete with samples offered by commission merchants, many of whom have no knowledge of the seeds they sell, whether good, bad or indifferent. Should the Seed prove poor or mixed, the loss to the planter is ten times more than the entire cost of the Seed. Every intelligent farmer knows that the best Seed that can be obtained is the cheapest in the long run. Customers of course understand that the **prices of Grass and Clover Seeds are subject to change.** Be sure and obtain our samples and prices before you buy elsewhere. Special rates on large quantities.

	Quantity to Sow Acre	Price lb	Price 10 lbs	Price 100 lbs
Alfalfa Clover	25 pounds.	$0 15	$1 00	$8 00
Burr Clover	20 "	10	80	6 00
Alsike Clover	10 "	25	2 00	14 00
Crimson or Scarlet Clover	15 "	15	1 20	10 00
Japan Clover	15 "	25	1 50	11 00
Red Clover	15 "	15	1 20	10 00
Mammoth, or Sapling Clover	15 "	15	1 40	13 00
Sanfoin or Esparsette Clover	50 "	15	1 30	12 00
White Dutch Clover	8 "	40	3 50	25 00
Bermuda Grass	10 "	1 25	.....	.....
English Perennial Rye Grass	50 "	15	1 00	8 00
Australian Rye Grass	50 "	15	1 00	9 00
Hungarian Grass	30 "	10	70	5 50
Italian Rye Grass	70 "	15	1 00	8 00
Hungarian Brome Grass	30 "	30	2 50	22 00
Johnson Grass—Extra Clean	35 "	15	1 25	10 00
Kentucky Blue Grass—Fancy clean	60 "	25	1 80	15 00
Meadow Fescue—English Blue Grass	35 "	15	1 65	15 00
Egyptian, or Pearl Millet	4 "	20	1 50	.....
Millet—Common	30 "	10	60	5 00
Millet—German or Golden	30 "	10	70	5 50
Orchard Grass or Cocksfoot	25 "	20	1 75	15 00
Red Top Grass	25 "	15	1 00	9 00
Tall Meadow Oat Grass	40 "	25	2 25	20 00
Timothy	15 "	10	90	6 00
Alfilaria	20 "	1 00	.....	.....
Mesquite	35 "	15	1 00	8 00
Sweet Vernal	"	85	.....	.....



Perennial Rye Grass

Italian Rye Grass—In nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensible for alternate husbandry; but it does not last over two years, it s therefore of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious, or of a medium consistency, and on such soils it is said to be one of the best grasses known to cut green, affording repeated luxuriant and nutritius crops. One great merit is its rapidity of growth, which makes it valuable for even one season. It affords repeated large and nutritive crops.



TIMOTHY

Timothy—(*Phleum pratense*) This is decidly the best grass for hay, making a large return on strong, rich clay, of medium state of moisture; though somewhat coarse and hard, especially if allowed to ripen its seed, yet, if cut in the blossom, or directly after, it is relished by all kinds of stock, and especially so by horses, while it possesses a large percentage of nutritive matter in comparison with other agricultural grasses. It grows very rapidly, and yields very large crops on favorable soils. It can never be used effectually as a pasture grass.

English Perennial Rye Grass, or Australian Rye Grass—Is held in high esteem for pastusage, soiling and the formation of lawns. In habit somewhat like Orchard Grass, and it is possible that, united on the same meadow, it would be profitable. It ripens early, and should be cut when in blossom, making a large return of very nutritious hay, of which stock is very fond. It is naturally adapted to a variety of soils, but succeeds best on moderately moist land.

Red Top—(*Agrotis vulgaris.*) A valuable grass for moist soils. It is a good permanent grass, standing our climate as good as any others and consequently well suited to our pastures, in which it should be fed close; for if allowed to grow up to seed, the cattle refuse it. On moist, rich soil, it will grow two feet; and on poor, gravelly soil, about half that height.

Hungarian—This grass resembles the Millet very much, and it may be classed as a variety of that plant. It is of fine growth, and makes an excellent hay. It has numerous succulent leaves, which furnishes an abundance of green fodder, taken by all kinds of stock.

Mesquite—(*Holcus lanacus.*) Valuable on the cleared redwood and pine lands of California and Oregon, giving large crops of hay and good pasture, but not considered as nutritious as some other grasses.

Meadow Fescue, or English Blue Grass—(*Festuca pratensis.*) Grows two or three feet high, but never in large tufts like Orchard Grass. One of the earliest, most nutritious and productive grasses. It is especially suitable for permanent pasture; thrives well in all soils, but to best advantage on moist lands. Makes good hay and cattle thrive on it.

Orchard Grass—(*Glactylis glomorala.*) This is one of the most valuable and widely known of all pasture grasses, coming early in the spring and remaining later in autumn than any other; it grows about 2½ feet high, producing an immense quantity of leaves and foliage. It is well adapted for growing under trees or orchards, and very valuable for grazing or for hay.

Orchard Grass

Kentucky Blue Grass—(*Poa protensis.*) This grass yields, at a very early period of the season, herbage of the most nutritious properties; thrives in moderately dry soils; extensively grown in many parts of the country, but used principally for grass plats and lawns.

Millet, German—(*Panicum Germanicum var.*) An improved variety, yielding a larger crop than the Common Millet. It is also taller than the Common, and yields a heavier crop of hay. The grains of seeds are larger and of a deeper orange-yellow. It will grow on any good land, and yields heavily when artificially watered, if applied at the proper time. It yields from 40 to 60 bushels of seed per acre, which is excellent seed for stock or poultry.

Sweet-scented Vernal Grass—This is one of the earliest spring grasses, as well as one of the latest in autumn. It is principally sown in connection with other grasses, in mixtures, for pastures, lawns, etc. Is remarkable for giving out a pleasant, sweet smell during the process of drying.

Kentucky Blue Grass

Hungarian or Awnless Brome Grass—(*Bromus inermis.*) The U. S. Department of Agriculture in a special bulletin devoted to this gaass gives this general information: "While this grass will grow on lands too poor for the more valuable agricultural grasses, and under conditions of climate which would entirely preclude the culture of these last, its productiveness depends, as in other cases, upon the amount and availability of the food snpply. In other words, the better the conditions the better the growth. The reported yield is one to three tons to the acre. It is resistant to intense cold, to sudden and extreme changes of temperature, and withstands protracted drought better than any other cultivated variely. In ordinary and poor soils the stems are only 12 to 18 inches high; under more favorable conditions they attain the height of 3 to 4 feet. The underground stems (rootstocks) grow more rapidly in light sandy loam, but they penetrate with apparent ease the stiffest clay, and in all cases form a dense, tough sod. The amount required per acre is variously given at from 30 to 40 pounds. It may be sown in the autumn with winter wheat, or in the early spring; February or March. The preparation of the land is the same as for other grasses or grain. In the north it blooms in June and, of course, somewhat earlier in the southern States. It is usually sown unmixed, because of its liability to choke out other plants. In Hungary it is sometimes mixed with lucerne in proportion of three to two. In the formation of permanent pastures, various grasses and clovers, where these will grow ought to be mixed with it.

Egyptian, or Pearl Millet—(*Penicillaria spicata.*) The *Rural New Yorker* publishes its experience with Pearl Millet. From a single seed fifty-two stalks were produced, weighing 42½ pounds. The highest stalk was 10 feet 1 inch, and the circumference of the plant was 13 feet 9 inches, 3 feet from the ground. When this plant first comes up, the stems are prostrate, but assume an upright position when two feet long. Stock eat it with great avidity. It can be cut three or four times, spreading and growing rapidly after cutting. It is fully equal to sweet corn for fodder, and will yield twice the quantity on the same ground. It should be sown in drills, dropping about two or three seeds two feet apart, as plenty of room is required for its growth.

Tall Meadow Oat Grass—(*Avena Elatior.*) Valuable for pasture on account of its early and luxuriant growth. It is relished by cattle both in green and dry state.

Alfilaria—This is an exceedingly valuable and nutritious forage plant, reputed to impart an excellent flavor to milk and butter. It is found growing more extensively in the mountainous districts of California, Oregon and Mexico. It has been very much inquired for of late by many of our largest cattle men. Cattle on the Coast Ranges thrive where there is no other forage than that which they can get by grazing where this plant grows. The seed is very difficult to gather; we have obtained a limited supply of the seed which we offer. Pkt 25c; lb $1.00.

Johnson Grass, or Sorghum Halapense—A fodder plant, growing 30 inches or more in height. It is a rapid growing perennial. On rich soil, it may be cut three or four times in a season.

Bermuda Grass—It thrives in the arid, barren drift sands of the sea-shore, covering them by its long, creeping stems, whose deeply penetrating roots impart firmness to a soil which else would remain devoid of vegetation. It is esteemed as one of the most valuable of our grasses either in the pasture or cured as hay.

CLOVER SEEDS

Alfalfa (*Medicago sativa.*) Alfalfa, also known as Lucerne and Chili Clover, is one of the most valuable forage plants, yielding a prodigious amount of feed, which is relished by all kinds of stock, and is very nutritious. It should be cut before coming into bloom. The hay is especially valuable for dairy cows. As soon as cut, it immediately commences to grow; and during the hottest and dryest weather, when other grasses are parched and withered, it remains fresh and green, and grows as rapidly as ever. Oh the low lands of the Sacramento and San Joaquin rivers it is not an unusual thing to harvest five or six crops of hay from the same field, in one season, without irrigation, and the same result is obtained on high, dry land, where irrigation is resorted to. Notwithstanding its great yield, it does not exhaust the soil, but rather improves it making barren land fertile and productive. It will not succeed on hard, clayey soils. It sends down a strong taproot, and soils suited to this peculiarity of the plant are best adapted to its complete success. Its roots, in seeking moisture, penetrate to incredible depths. It should not be sown where water stands near the surface. Where the taproots can reach moisture, if a good stand be obtained, even though the surface remains dry, a luxuriant growth will be sustained. When well set it will endure severe winters, and has proved itself a valuable and profitable crop in every state in the Union. Experience has demonstrated that in most soils reseeding should be resorted to at intervals of about six years, and in many districts in the cattle region of the Southwest, fresh seeding every year has proved profitable. Prepare the land by deep plowing and thorough harrowing. Sow from twenty to 30 lbs of seed to the acre, and harrow or brush it in well. Seeding thick will produce fine stalks—a desirable feature, either in hay or pasture. The seed should be sown in spring, after danger from freezing the young plant is over, or in the fall, early enough to give it a good stand before frost.

Burr Clover, California Burr Clover, Spotted Medick, Yellow Clover—An excellent fodder plant. The stems are creeping and soon spread over a large area. Flourishes in dry soils, and is not affected by the drought. The seeds are contained in small burr-like pods, hence the name. About 20 pounds of burrs should be sown to the acre, and on good soil, lightly covered, will soon spread over the entire surface.

RED CLOVER

Alsike or Swedish Clover—(*Trifolium hybrida.*) The most hardy of Clovers. It resists the severest cold or extremes, or drought and wet, yields large crops of superior hay, and may be cut several times in a season on rich soils It is well suited to sowing on lands liable to wash, as its long, fibrous roots spread over a wide area, and so interlace and hold the soil so as to resist the heaviest rains. Can be planted on any soil; stock fine and palatable. Its blossom-heads are round, somewhat resembling white clover in shape; flesh-colored; very sweet and fragrant, being much liked by bees.

Crimson Clover—(*Trifolium incarnatum.*) Commonly called Scarlet Clover, Italian Clover, German Clover. It is a vigorous growing annual, with large head of deep crimson color. Will make the earliest and richest winter pasture, and afterwards will yield a crop of hay in April, which should be cut as soon as in full bloom. We consider it of great value as a green manuring crop; as an enricher of the soil it is invaluable. It is a very rank grower, and stools largely. It will grow and make a crop of hay on land so poor that the common clover would do but little on.

Red Clover—This species is regarded as by far the most important of the whole genius for the practical purpose of agriculture, being valuable not only as a forage plant, but also for its fertilizing properties on the soil. It has very long and powerful tap-roots, and when these roots decay they add largely to that black mass of matter called the soil. As a forage plant it makes an excellent quality of hay, and can be cut at least twice a year.

Mammoth, or Sapling Clover—Compared with common Red Clover, its flower, foliage and stems are of a darker color, and its seed, is the product of the flowers of the first crop, while the seed of the common Red Clover is the product of the flowers of the second crop, and different in some other characteristics of little importance. It is valuable when sown with other grasses for mixed hay, as it ripens later than the common Red Clover, and about the time that Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into very common use for soiling purposes. Sow 12 to 15 lbs to the acre.

White Dutch Clover—An excellent pasturage grass, forming, in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cows. Its flowers are also a favorite resort for the honey bee. It succeeds on all rich, clayey lands if not too wet.

Japan Clover—(*Lespedeza striata.*) This is a most valuable Clover for grazing purposes, and in rich ground makes most excellent hay. While known for many years, not until the past three years has the seed been upon the market for sale. For milk cows it is peculiarly desirable, making a large flow of milk. Must be sown in spring.

Espersette or Sainfoin—(*Hedysarum onobrychis.*) This is a leguminous plant, with many stems, from two to three feet long, straggling, tapering, smooth; leaves in pairs of pointed, oblong leaflets, slightly hairy on the under side; flower stalks higher than the leaves, ending in a spike of crimson or variegated flowers, succeeded by flat, hard pods, toothed on the edges and prickly on the sides; roots perennial and hard and wooly; flowers in July.

FIELD, FORAGE AND SILO SEEDS

FOR green manures we especially recommend peas, vetches, clovers and tares. These plants take nitrogen (the most expensive element of artificial fertilizers) directly from the air. The idea of "green manuring" is that it is cheaper and better to plow under half-grown or fully grown crops than to expend money and labor in the application of natural or artificial manures.

BY MAIL, 10 CENTS PER POUND MUST BE ADDED

Tares, or Spring Vetches (*Vicia sativa.*)—Closely associated with peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 100 to 150 lbs to acre broadcast. Sow in spring, while ground is cool and moist, or in early autumn. Lb 10c; per 100 lbs $8.00.

Tares, or Winter Vetches *(Vicia villosa).*—Also called Sand Vetch or Hairy Vetch. Recommended for fall sowing with rye, as in many localities in the North it is hardy, remaining green all winter. A valuable food for stock in early spring. Recommended to dairymen. Use 100 to 150 lbs per acre. Lb 10c; per 100 lbs $8.00.

Kaffir Corn—A valuable forage plant, cultivated for forage and grain. From four to five feet high, making a straight, upward growth. The stalks are brittle and juicy, making excellent fodder, either green or dried. The seed heads form at the top of each stalk and as soon as these show the grain well, the joints below send up shoots which yield the second seed heads. If the grain is desired, these heads may be allowed to fully mature. But if wanted for fodder only, cut down when the first seed heads come into bloom. Sow in rows three feet apart, three to five pounds of seed to the acre. Lb 15c; 100 lbs $8.00.

KAFFIR CORN

Lathyrus Sylvestris *(Flat Pea).* This plant, which is described as an *Everlasting Pea*, has in its wild state been long known in Central Europe, where it grows luxuriantly in the forests and other unoccupied places. It has been of common observation that game would seek for it at all seasons of the year, even digging it from under the snow in mid-winter. Not only is Lathyrus the most valuable forage plant for *growing stock*, but it is the most valuable for *enriching the soil with nitrogen*. The plant is *perennial* and wild plants are known that are 60 years old. The yield of forage is *immense*. Sow in Drills two and one-half feet apart, four to six inches apart in the drill and three inches deep. Cultivate thoroughly the first season, keeping the weeds down. The seed is slow in germinating. After the first year the plants will take care of themselves, throwing out runners and covering the ground, then sending shoots two or three feet high. Pkt 25c; oz 50c; lb $4.00; 100 roots, $3.00.

Broom Corn, Improved Evergreen—Grows about seven feet high; brush of good length and of green appearance when ripe. Lb 10c.

Rice, Wild *(Zisania aquatica)*—A valuable forage plant for swamps and overflowed land; also for sowing along water-courses to attract fowl. 25c per lb.

DIRECTIONS FOR SOWING:

Soak in water twenty-four hours. Then sow in water where there is a muddy bottom or on low swampy places.

White Milo Maize, or Branching Dhoura—Valuable as a forage plant and for its grain, having great capacity to stand a drouth. It can be cut and fed at any stage, or cured when heading out, for fodder. It bears grain in erect, full heads and is almost equal to corn for feeding all sorts of stock; also makes excellent meal. Plant in April, three to five seeds in a hill, eighteen inches apart, four to five rows, and thin out to two plants and cultivate as corn. It makes a great amount of forage. Three to five pounds per acre. Lb 15c; 100 lbs $8.00.

Sugar Cane, Early Amber—This is by far the best variety for sugar as it matures quickly and has been cultivated as far north as St. Paul, Minnesota. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder it possesses important advantages. Lb 10c; 100 lbs $6.00.

Southern Black-Eye Cow Pea—Also known as Sand Pea. A small white variety with black eye. Sow May or June for plowing under. Much used for green manuring purposes. Use 100 to 150 lbs to acre. lb 10c; 100 lbs $5.00.

Yellow Lupin—Botanically related to the peas, but less hardy. Sow May to July; 100 to 150 lbs to acre. Widely grown in Europe, and considered of high agricultural value. Useful for green manuring. Lb 25c.

White Lupin—One of the best plants known for soiling. It may be sown from April to July and plowed under when in flower. The seed when burned is excellent manure for orange and olive trees. Lb 20c; 100 lbs $15.00.

Jerusalem Corn. This corn belongs to the non-sacharine sorghums, and was brought here from the arid plains of Palestine by a missionsry. It is pronounced the best and surest grain crop for dry countries and seasons. It grows about 3 feet high, makes one large head on the main stalk, and several smaller heads on side shoots. The grains are pure white and nearly flat. Three pounds will plant an acre. Lb 10c; 100 lbs $6.00.

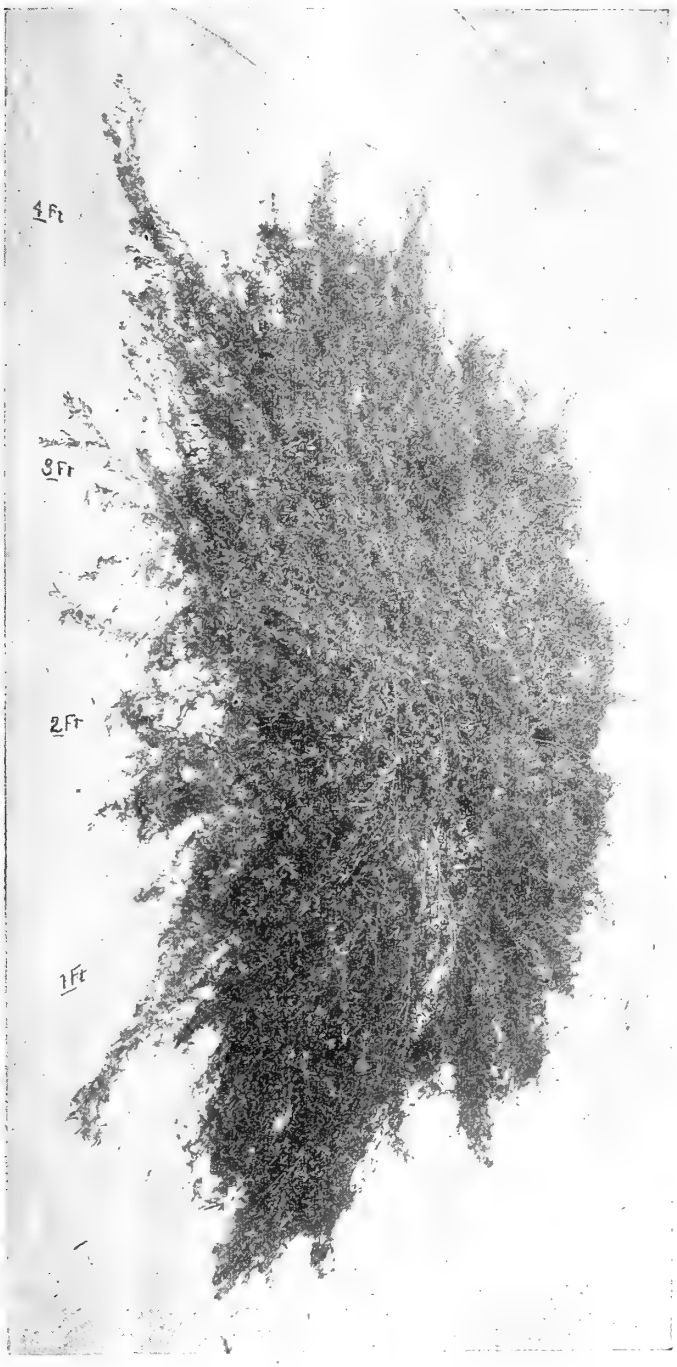
Teosinte. *(Reana luxurians).*—This giantic grammæ of Central America somewhat resembles Indian Corn. It produces a great number of shoots, growing 12 feet high, very thickly covered with leaves, yielding an abundance of forage. In the North a single seed will make from twelve to fifteen stalks. It surpasses either corn or sorghum as a soiling or fodder plant. Planted 3 feet apart, it will cover the ground by autumn with only ordinary culture. Pkt 10c; oz 25c; lb $1.50.

TEOSINTE

Mammoth Russian Sunflower—Highly recommended for poultry; the best egg-producing food known. It can be grown cheaper than corn, yielding over one hundred bushels to the acre. The leaves make splendid fodder, much relished by all kinds of stock. Pkt 5c; lb 10c.

Spurry—(*Spergula arvensis.*) Spurry is an annual plant, extensively cultivated in Europe as a winter pasture for cattle and sheep. Milch cows and sheep fed on it are said to yield superior milk, butter and mutton. It grows well on poor, dry, sandy soil. It is recommended to all who are seeking a plant that will be a fertilizer for light, sandy soil, and at the same time be of value for forage. The soil for Spurry requires the same preparation as for Clover. It should be sown at the rate of fifteen pounds to the acre. Lb 35c; 100 lbs $20.00.

Peanut—The peanut thrives and produces best on a light, sandy, tolerably fertile soil, with a good clay subsoil. It posseses a long tap-root, which extends deep into the earth. The soil should be deep and mellow, and well broken up, so as to be ready for planting soon after frosts are over. They may be planted in the pod, or shelled, two in a hill. Lb 15c; 100 lbs. market price.



SALT BUSH GRASS

Australian Salt Bush Grass

Cows, Hogs, Chickens, Sheep, Horses Eat it and all Thrive on it. Twenty to thirty tons of green nutritious food the first season from seed.

This is an excellent plant, which renders many of our dry and sterile tracts valuable for sheep pastures. Cattle, and especially sheep, are so fond of it that they browse it to the root. It is most wholesome and fattening, and stock pastured on Salt-bush are said to remain free from disease and ailments. It will bear a great amount of drought, and if not too closely fed down will produce seed in abundance. Usually when grasses are dried up Salt-bush will be found green, and afford a splendid fodder for stock during the hot summer. The seed is very light, and 1 lb. will be sufficient to sow an acre, if evenly scattered over the surface. The seed should be mixed with ten times its weight of sand or ashes to facilitate its distribution. Sow the seed before a rain, if possible, on well pulverized soil, and slightly cover it with a light horrow or bush. Lb $2.00.

Japanese Buckwheat—The kernels are at least twice the size of other variety. The straw is heavier, it branches more and does not need to be sown so thickly as the other kinds. Flour made from it is equal quality, if not superior to that of any other Buckwheat; it is enormously prolific; lb, 10c

Cow or Southern Peas—This is not exactly a Pea, but more properly belongs to the Bean family. It is becoming known to the North also, as a highly valuable fodder and fertilizing crop. It requires a full season to mature in and can properly be grown as a second crop after wheat. If desired the pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder; the stalk and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas and thus made into a fertile loam. Plant in a thoroughly pulverized soil. If wanted to plow under for manure, sow with a grain drill, in drills a foot apart. If grown for fodder or the seed, plant three and a half feet apart and cultivate thoroughly. The seed must not be sown until the soil has become thoroughly warm. Eighty pounds to sow one acre. Lb 10c; 100 lbs, $7.00.

FRUIT TREE SEEDS

Apple.....¼ lb 15c; lb 35c
Cherry Mahaleb.....¼ lb 15c; lb 35c
Cherry Mazzard.....¼ lb 15c; lb 35c
Pear.....oz 10c; ¼ lb 35c; lb $1.25
Plum Myrobolan.....lb 35c
Seedling Peach Pits.....100 lbs $2.00
Apricot Pits.....lb 10c; 100 lbs $2.50
Quince.....oz 20c; ¼ lb 60c; lb $2.00

BIRD SEED

Canary.....lb 10c
Hemp.....lb 10c
Rape.....lb 10c
Millet.....lb 10c
Maw.....lb 25c
Mixed Canary.....lb 10c

MISCELLANEOUS

Pure Bone Meal—Ground expressly for our trade. Better than Ground Bone for mixing with potting soil, as it is much finer and in better condition for giving immediate effect. 100 lbs $2.00; ton $30.00.

Raffia—For tying plants; superior to twine. Lb 25c; 5 lbs $1.00.

Painted Pot Labels—3½-inch, 100, 10c; 1000, 90c. 4-inch, 100, 15c; 1000, $1.00.

Painted Tree Labels—3½-inch, notched or pierced, 100, 15c. 1000, $1.00.

POTATOES

Our Potatoes are all specially raised for seed purposes

CARMAN No. 1

Carman No. 1 A new medium or intermediate Potato; flesh unusually white in form, oblong, inclining to round, flesh white, remarkably dry and mealy; considered by many potato growers the most promising second early recently introduced. Two pounds by mail, 30c; 10 pounds or over, by express or freight at purchaser's expense, 10c per pound.

Carman No. 3 The finest late variety ever offered; enormously productive; flesh unusually white, remarkably dry, smooth and floury when boiled; best of all for field culture. Two pounds by mail 60c; 10 pounds or over, by express or freight, at purchaser's expense, 10c per pound.

Thorburn New White Peach-Blow This is a seedling of the old "Excelsior," which has always been considered the standard for quality as well as the latest keeper known. In table quality this new seedling is fully equal to its parent, which is the very highest recommendation that could be given it. The flesh, as well as the skin, is of extreme whiteness. It is very dry when cooked, and does not fall in pieces, as most dry varieties do. It is the freest from scab of any variety we have any knowledge of. It has been, so far, entirely free from rot. There has never yet been a hollow-hearted one found among them. The vines make a very heavy, luxuriant growth. The flower is large and purple. In growth, quality and general appearance this variety resembles the old and once popular "White Peach Blow," but it will yield very much more, and is earlier in ripening. Two pounds by mail for 60c; 10 pounds or over, by express or freight, 10c per pound.

Early Rose—Every cultivator of the Potato is familiar with the Early Rose. It is oval, very shallow-eyed, pink skinned, very dry, and mealy when boiled. It has not become so popular as it deserves, as pink or red potatoes do not sell so well as the white kinds. This variety should not be planted too soon, from the fact that they make small stalks, and if cut down by frost, they suffer more than other varieties; but they want rich, light soil to grow to perfection. By mail, lb 25c; per 100 lbs $2.00.

Burbank's Seedling—A white-skinned, medium early variety, with few eyes; flesh fine grained and of excellent flavor By mail, lb 25c; per 100 lbs $2.00.

TREE AND SHRUB SEED

How to Grow Them

The growing of Forest Trees from seed is, in the case of some varieties, a very simple and easy process, requiring but little care or skill on the part of the grower.

Other varieties require special treatment and greater care and attention to insure success: while some are very difficult to grow, and with such, planters are not very likely to succeed until after having made repeated failures.

One important fact in connection with this subject must always be kept in view, and that is, **it takes time for these seeds to germinate,** in some cases only a few days, in others, several weeks; while frequently they will lie dormant the whole season before commencing to grow. It often happens that seeds of given variety, all taken from the tree at the same time, sown together and subjected to the same treatment, will show great irregularity in time of germinating, some coming up in a few days, others not until the next season, and still others not until the season following.

Conifers and Evergreen Tree Seeds should be kept in perfectly dry sand until the time of sowing; if this cannot be done readily, place them in a cool dry spot, where mice will not eat them. **Chestnuts and Walnuts** should be planted in the fall, or kept during the Winter in sand or moss; they shrivel up by too long exposure to the air, and many of them lose their power of vegetating entirely. **Apple, Pear, Quince Seed, Cherry Pits, Peach Pits,** also those with hard shell, like the **Locust, Magnolias,** etc., should be placed in boxes with sand and exposed to frost before planting; otherwise they may not vegetate until the second year after planting; but if these Seeds arrive too late in the Spring to expose them to the action of the frost, they may be put into a vessel of hot water for an hour or so before planting. We also recommend for Peach Pits and Mazzard Cherry Pits, to break the shell and plant the kernel only. The Seeds of other **Deciduous Trees and Shrubs,** with few exceptions, can be planted from the end of December to the middle of May with great success.

The soil should be deep, mellow and rich; if not so make it so by deep spading and thoroughly pulverizing the ground. If not rich, apply a good liberal dressing of any old, well-decomposed manure; mix thoroughly with the soil and rake down all smooth and level, and your seed bed is ready. Now draw a line across one side of the plat, and with the hoe make a shallow trench from a half to 1 inch deep, according to the size of the seed to be sown; make the trench about 6 inches wide, scatter the seeds over the bottom, but not too thickly, and then draw the soil back and cover the seeds to the depth of about the thickness of the seeds as evenly as possible, then press the beds gently with the back of the spade to make firm the earth around the seeds.

Great care must be taken not to give too much water, as the young plants imbibe moisture very easily. Water with a fine hose, but never so that the ground becomes soggy. Some shade must be used to protect the young plants from the hot, drying sun and winds, and also to keep the birds from destroying them.

The trenches or drills are to be 2 feet apart, so that the hoe or garden cultivator can be employed in cultivation. Keep the soil loose between the rows, and keep them well clear of weeds. Seeds of the rarer sorts may be sown in cold frames or in boxes; if in cold frames, the sashes should be shaded and the frame raised at the corner 3 or 4 inches to allow the air to circulate freely.

CALIFORNIA TREE AND SHRUB SEEDS

PRICE PER PACKET 10 CENTS, EXCEPT WHERE NOTED

Abies Douglasii *(Douglas Spruce).*—A very large and important timber tree, 200 to 300 feet high; of pyramidal shape. Found throughout the rocky mountains, from Oregon to Mexico. Very hardy. Oz 30c; lb $3.00.

Abies Mertensiana *(Tsuga M.,* Hemlock Spruce*).*—A very large tree, 150 to 200 feet high, with rather thick red-brown bark Very hardy, ranging from California far into Alaska. Oz 60c; lb $6.00.

Abies Menziesii *(Picea sitchensis).*—Peculiar to the Northern Coast, mostly in wet, sandy soil near the mouth of streams; probably the tallest Spruce known; an excellent timber tree; pyramidal in form. Very hardy. Oz 40c; lb $4.00.

Arcostaphylos Glauca—Great berried Manzanita. Oz 15c; lb $1.00.

Azalea Occidentalis—Charming California Azalea, the great ornament of the wooded districts. Flowers 2½ to 3 inches long; white shades pink variegated by a pale yellow band. Pkt 25c.

Cornus Nutalli (Dogwood).—A showy tree or large shrub, flowering in May, the flowers followed by large clusters of double berries, and much resembling the Eastern *C. Florida*, and apparently even more worthy of cultivation. Wood, close-grained and very hard. Oz 20c; lb $2.00.

Cupressus Goveniana (Goven's Cypress)—Thirty to 40 feet high; very ornamental; found in the Coast Ranges of Monterey. Oz 40c; lb $4.00.

Cupressus Macrocarpa *(Monterey Cypress).*—A tree 40 to 60 feet high, with rough bark, spreading, horizontal branches, with rich, green, foliage; very ornamental for lawns or parks; also used extensively for hedges, oz 10c; lb 75c.

Cupressus McNabiana (McNab's Cypress)—A small tree, 6 to 10 feet high, found about Shasta, at 5000 feet altitude. The leaves are small and of a deep green. Oz 20c; lb $2.00.

Cupressus Lawsoniana (Lawson's Cypress)—A handsome tree, found in moist grounds in the Shasta Mountains, and in the Coast Range of Oregon. The wood is white, fragrant, fine and coarse-grained, free from knots, easily worked, and very durable; also known as Oregon Cedar, White Cedar and Ginger Pine. Oz 40c; lb $4.00.

Cupressus Guadalupensis (Blue Cypress)—A new fast growing variety with beautiful bluish foliage; very ornamental for lawns, parks, or cemeteries. Oz 30c; lb $3.00.

Garrya Elliptica—A beautiful California evergreen shrub, flowering in winter and early spring, presenting a very ornamental appearance; hardy. Pkt 25c; oz $1.00.

Libocedrus Decurrens (*Thuya Craigiana*)—Found in the Coast Ranges, from Oregon to San Diego; grows from 100 to 150 feet high; fine hardy timber tree; known as White Cedar of California. Oz 35c; lb $3.50.

Madrone—A beautiful native tree of California; the foliage is a deep green and leathery; it attains a considerable size; flowers white. Pkt 25c.

Picea Amabilis (Silver Fir)—Tall, symmetrical, valuable timber tree. Oz 40c; lb $4.00.

Picea Grandis (Western Balsam Fir)—Grows 200 to 300 feet high, 4 to 6 feet in diameter; grows rapidly in rich, moist soil; valuable timber tree. Oz 30c; lb $3.00.

Picea Nobilis (California Red Fir)—A magnificent tree, with thick, brown bark; making fine timber; forms large forests about the base of Mt. Shasta; timber said to be better than that of the other firs. Oz 60c; lb $6.00.

Picea magnifica—Two hundred to 250 feet high. The Red Fir of the Sierras, found at an altitude of 7000 feet. Very hardy. Oz 50c; lb $5.00.

Picea concolor (*Abies lasiocarpa*)—A very ornamental tree, 100 to 200 feet high; very common throughout the Sierros, ranging into Oregon; also found in Arizona, Utah and Colorado. Oz 30c; lb $3.00.

Picea Bracteata—Leafy Bracted Silver Fir. Oz $1.00; lb $10.00.

Pinus Benthamiana—A magnificent tree; grows from 200 to 300 feet high; fine timber. Very hardy. Oz 40c; lb $4.00.

Pinus Coulteri (Great Coned Pine)—Found in the Coast Ranges from Mt. Diablo to the southern part of this State. Oz 30c; lb $3.00.

Pinus Contorta—A low tree, 5 to 15 feet high, found in the wet, sandy coast of the Pacific, from Mendocino to Alaska. Very hardy. Oz 80c; lb $8.00.

Pinus Fremontiana (*Pinus Monophylla*)—A small tree, 20 to 25 feet high; frequent in the Coast Ranges through Nevada, Arizona and Utah; well known as the Nut Pine. Oz 20c; lb $2.00.

Pinus Insignis (Monterey Pine)—A very ornamental tree for parks or lawns; grows from 60 to 70 feet high; of rapid growth and has beautiful green foliage. Oz 20c; lb $2.00.

Pinus Jeffreyi—A magnificent tree, from 100 to 200 feet high; usually found on our mountains at an elevation of 5000 feet, ranging from California to Oregon. Very hardy. Oz 30c; lb $3.00.

Pinus Muricata—Attains a height of from 25 to 50 feet. A rather slender tree. Found near the coast, where it is exposed to the sea winds and fogs. Oz 60c; lb $6.00.

Pinus Parryana—A small tree, 20 to 30 feet high, found in the vicinity of San Diego, at an altitude of 2000 feet. Oz 40c; lb $4.00.

Pinus Lambertiana (Sugar Pine) A hardy tree of gigantic dimensions, from 250 to 300 feet high, and from fifteen to 20 feet thick, with light-brown smooth bark; found on both slopes of the Sierras. The wood is like that of the White Pine. Oz 20c; lb $2.00.

Pinus Monticola—From 60 to 80 feet high, and about 3 feet in diameter at the base. Found at an altitude of from 7000 to 10,000 feet; known as the White Pine of the Trinity Mountains, California, ranging as far north as the State of Washington. Oz 40c; lb $4.00

Pinus Ponderosa (Yellow Pine)—One of the largest pines known; 200 to 300 feet high, and 12 to 15 feet in diameter, with very thick red-brown bark. Found in the Coast Range on the highest points. Very hardy. Oz 40c; lb $3.00.

Pinus Sabiniana (Nut Pine). Abundant over the dry and hot hills of the Coast Range, in the Sacramento Valley, aad on the foothills of the Sierra Mountains. Hardy. Oz 20c; lb $2.00.

Pinus Torreyana—A small tree, generally crooked, 20 to 30 feet high; found on the southern coast in the vicinity of San Diego. Seeds large and edible. Oz 30c; lb $3.00.

Pinus Tuberculata (California Scrub Pine)—A small crooked tree, often found full of cones when only two to three feet high. Oz 40c; lb $4.00.

Sequoia gigantea (*Wellingtonia gigantea*)—The mammoth tree of California. This is the largest tree known to exist on the American continent. The bark is from one to two feet thick. One of the largest trees (the so-called Grizzly Giant of the Mariposa Grove is 93 feet in circumference at the ground. Oz 60c; lb $6.00.

Sequoia sempervirens—Usually known as the Redwood. The most valuable timber of the California forests. From 200 to 250 feet high, and from 8 to 12 feet in diameter. The wood is of a rich, brownish red; light, but strong and durable, making excellent timber; hardy. Oz 30c; lb $3.00.

Thuja gigantea (Giant Arbor Vitæ). A tall, graceful tree, 200 to 250 feet high, 3 to 12 feet thick; pyramidal in form, with spreading and somewhat drooping branches; frequent in the Coast Ranges of Oregon. The wood is soft, fine grained, and of light color. Oz 60c; lb $6.00.

Torrea Californica (California Nutmeg). Found in the Coast Range and Sierra Nevada Mountain districts, but not abundant. Grows to the height of 60 feet; the wood is light-colored, close-grained and small branches, being reddish. Oz 15c; lb $1.00.

AUSTRALIAN TREE AND SHRUB SEEDS

Price per Packet 10 cents, Except Where Noted.

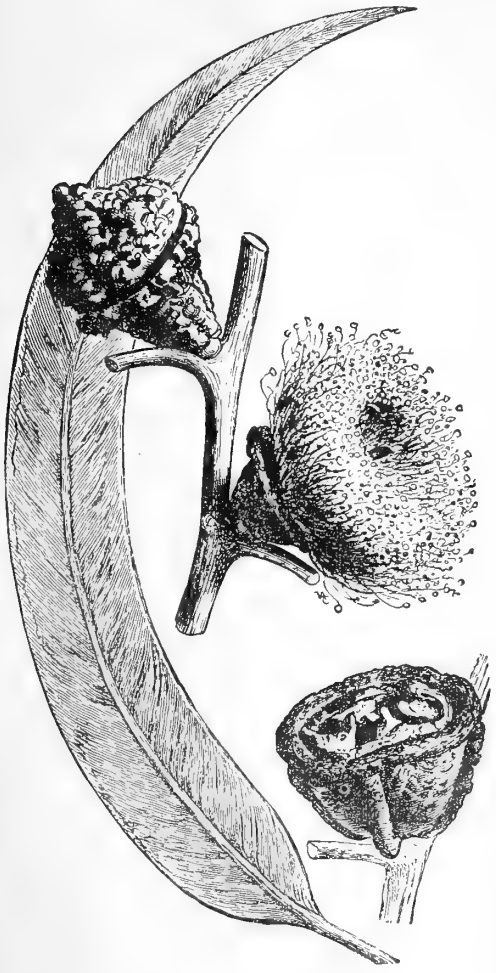
Eucalyptus amygdalina—(Messmate or Almond-leaved Stringy bark.) A first-class timber for flooring-boards, joists and other house carpentery. It is like Stringybark; 150 to 200 feet. Oz 75c; lb $7.00.

Eucalyptus Bicolor—(Black-box)—A highly valued timber tree; it is equal to the best Ironbark for all the purposes for which that wood is used, and is more easily wrought. It is sometimes called "Ironbark;" 100 to 150 feet. Oz $1.00.

Eucalyptus citrodora (Lemon-scented Gum)—A useful timber. The strong lemon scent which is emitted when the leaves are gently rubbed is equally powerful and agreeable with that of the lemon-scented Verbena. Pkt 25c; oz $2.00.

Eucalyptus corymbosa (Bloodwood)—A very large tree, timber first-class, for posts, piles, and such like. It is extremely durable in the ground. It is not a favorite timber on account of its many gum veins; not a good fuel; 150 to 200 feet. Oz $1.00.

Eucalyptus Corynocalyx (Sugar Gum)—Considerable attention has been called to this variety by the California State Board of Forestry as being well suited for planting along the coast and dry regions, the sweet foliage attracting cattle and sheep, which browse on the lower branches. Pkt 25c; oz $1.25; ¼ lb $4.00; lb $15.



EUCALYPTUS GLOBULUS

Eucalyptus ficifolia—A beautiful variety of the Eucalyptus; very ornamental for lawn or avenue planting; has beautiful crimson flowers. Sold in packets only, at 50 cents per packet of 25 seeds.

Eucalyptus Globulus (Blue Gum)—A very rapid growing tree, making valuable timber; height two hundred feet. Oz 25c; lb $2.50.

Eucalyptus Hemipholio (Common Box)—A hard but useful timber; strong, tough and durable, but will not last as posts or piles sunk in the ground. It is also a first-class fuel, both for domestic use and for steam or other industrial purposes; 100 to 150 feet. Oz 75c.

Eucalyptus leucoxylon—(Crimson-flowered Eucalyptus.) This is a very ornamental species of Eucalyptus, having large and very beautiful flowers, and as the tree flowers when quite young, it is very desirable as an addition to the shubbery or flower border. Pkt 25c; oz $1.00.

Eecalyptus Longifolia (Woollybutt)—An averaged sized tree. Fair timber for fencing and building purposes; it is a good fuel for domestic use; very durable; 100 to 120 feet. Oz 75c.

Eucalyptus Marginata (Jarrah of Western Austraiia)—A very excellent timber; resists toredo. Oz 75c.

Eucalyptus obliqua (Stringybark)—The best wood for flooring-board and rafters. It is of very quick growth; inferior fuel, but produces the best charcoal; 120 feet. Oz 75c.

Eucalyptus obtusifolia (Yellow Blackbutt) Timber like preceding, but softer and more easily worked, and of yellow tint. It is a remarkably quick grower; 150 feet. Oz 75c.

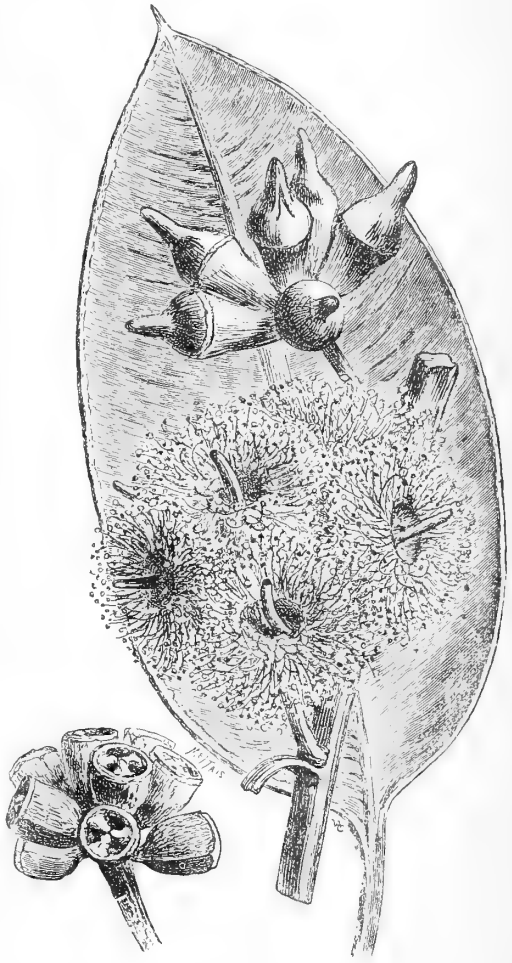
Eucalyptus paniculata (Common Ironbark)—For most purposes it is equal to the last species; is less interlocked, and is more easily split into shingles or palings; it is as lasting and as good fuel as other ironbarks; the wood is not so dark in color; 150 feet. Oz 50c.

Eucalyptus paniculata var. **mycrophylla** (Small-leaved Ironbark)—The wood of this species is used for fencing and many purposes, the same as the other Ironbarks, but the wood being of a nature much more easy to work, to which the hardness of other sorts offers an obstacle; first-class fuel; 120 feet. Oz $1.00.

Eucalyptus resinifera—The Red Mahogany Eucalyptus of South Queensland and New South Wales. A superior timber tree of large size, the wood being much prized for its strength and durability. It has proved one of the best adapted for a tropical clime, although not so rapid of growth as some other species. Pkt 25c; oz $1.00.

Eucalyptus Robusta (Swamp Mahogany). A good lasting timber for house carpentry and many kinds of tannery. It is not durable in the ground; it is not remarkable as a burning wood; its specific gravity is great; 150 feet. Pkt 25c; oz $1.00.

Eucalyptus Rostrata (Red Gum)—A rapid growing tree, 100 to 150 feet high; stands heat and considerable cold without injury. Oz 50c; lb $4.00.



EUCALYPTUS ROBUSTA

Eucalyptus siderpholia (Dark or Broad-leaved Ironbark)—The most valuable wood for piles, girders, railway sleepers, and for every purpose in which strength and durability are required; 150 feet. Oz $1.00.

Eucalyptus teriticornis (Gray Gum or Red Gum)—A very strong, durable hardwood, almost equal to Ironbark for some purposes; lasts in the ground; inferior fuel; 150 feet. Oz 75c.

Eucalyptus Viminalis—Recommended as hardy and suitable for exposed situations in Southern California. In poor soil it grows to a moderate height, about fifty feet; in rich soil it attains gigantic dimensions. The wood is desirable for ordinary building purposes. Oz 50c; lb $5.00.

Acacia—(*Mollissima Florabunda.*) The finest of all the Acacia family; no tree in existence is more charming than this new Acacia with its graceful branches, drooping with thousands of great panicles of fragrant golden flowers, so thickly massed that the feathery leaves can hardly be seen. This variety blooms abundantly the third season from seed, and will endure about ten degrees more freezing than the common Acacia molissima. Pkt 25c; oz $2.50.

Acacia decurrens (The Black Wattle)—Australia. "In California Acacia Decurrens has grown over 50 feet in eight years, and is useful as a wind-break, besides being very rich in tannin, and furnishing a gum, which exudes copiously wherever a branch is cut, equal to gum arabic." Wood also valuable for fuel and for coopers' and tanners' work." Oz 50c; lb $4.00.

Acacia florabunda—Ornamental variety, suitable for lawns or parks, having an abundance of flowers. Oz 50c; lb $4.00.

Acacia lopantha (Albizzia lophantha)—Southwest Australia. "One of the most rapidly growing plants for copses and first temporary shelter in exposed localities. For the most desolate places, especially in desert tracts, it is of great importance, quickly affording shade, shelter and a copious vegetation. Cattle browse on the leaves." Oz 30c; lb $2.50.

Acacia melanoxylon—South-eastern Australia. Generally known as BLACK-WOOD TREE. In irrigated glens of deep soil the tree will attain a height of 80 feet with the stem several feet in diameter. The wood is most valuable for furniture, railroad cars and carriages, boat building (stem and stern posts, ribs, rudders), for tool handles, crutches, some portions of the work of organ builders, casks, billiard tables, pianofortes. The fine-grained wood is cut in veneers; it takes a fine polish and is considered almost equal to walnut. Oz 50c; lb $4.00.

Acacia mollissima—A fine, erect growing tree, with glaucius green, feathery foliage; flowers yellow and borne in racemes; a rapid-growing tree and well adapted to this valley. Oz 50c; lb $4.00.

Acacia pyenantha—Of rapid growth, attaining a height of 40 feet, and growing in almost any soil; also does well along the sea coast. The bark is used for tanning. Oz 25c; lb $2.00.

Pittosporum Eugenoids—A valuable evergreen for lawns; parks, or cemeteries; of graceful form and bright, light-green foliage, which, in contrast with the dark-colored branches, makes a fine effect. It is suitable for tall garden hedges. From Southern Australia. Oz 50c.

Pittosporum Tobira—A handsome evergreen shrub with shining dark-green, oblong leaves, borne in whorls. The bush is of uniform globular shape, and almost completely covered in summer with charming white flowers resembling orange blossoms, and fully equal in fragrance. Pkt 50c; 100 seeds $1.00.

Pittosporum Undulatum—A native of Southeastern Australia. Handsome evergreen, with highly fragrant flowers. Oz 50c.

Grevillea robusta—(Silk Oak of East Australia.) Beautiful fern-like foliage; attains a height of 100 feet; withstands drought; of rapid growth, and flowers when about 20 feet in height, then it is a sight worth seeing, covered from top to bottom with bright orange scarlet flowers. Pkt 15c; oz 50c; lb $5.00.

Dracæua Australis—A very long, narrow, graceful foliage. Oz 75c.

Dracæna Indivisa—Long foliage; gseen, graceful. Oz 50c.

MISCELLANEOUS TREE SEEDS

Abies Canadensis (Hemlock Spruce)—A well known evergreen tree of high northern latitudes. It is one of the most graceful of Spruces, with a light and spreading spray, frequently branches almost to the ground. It is a beautiful tree for the lawn, and makes a highly ornamental hedge. Oz 35c; ¼ lb $1.25; lb $4.00.

Abies Balsamea (Balsam Fir)—A small evergreen tree of regular, symmetrical growth, assuming a conical form when very young. Of rapid growth, with rich, green foliage, which retains its color during the severest winters. Oz 25c; ¼ lb 75c; lb $2.50.

Abies pectinati (European Silver Fir)—A noble tree with spreading, horizontal branches and broad, silvery foliage; somewhat tender Oz 15c; lb $1.50.

Abies Excelsa (Norway Spruce)—A very popular variety from Europe. It has been very extensively planted in this country for ornamental purposes, and also for timber and wind-breaks. It is easily transplanted or grown from seed, and succeeds in a great variety of soils and climates. Oz 15c; ¼ lb 40c; lb $1.50.

Acer negundo (Box Elder—Middle and South. Thrives on the Western plains; growns rapidly, attaining seventy feet in height; excellent for planting along highways; endures drouth. Its sap yields sugar. Oz 10c; ¼ lb 25c; lb 90c.

Acer saccharinum (Hard or Maple Sugar)—The great sugar tree of America, and its yearly product of sugar and syrup amounts to over ten millions of dollars in value. It succeeds well in all soils and locations, making a stout, vigorous, rapid growth of hard wood, most valuable for fuel and highly prized for manufacturing purposes. Oz 15c; ¼ lb 30c; lb $1.00.

Ailanthus glandulosus (Tree of heaven)—Valuable for reclaiming coast lands. Wood extremely durable. It has been quite extensively planted in some of the Western States, and is noted for its extremely rapid growth. It grows to a large size, and the foliage has a rich, tropical appearance. Oz 15c; lb $1.25.

Arbutus Unido (Strawberry bush)—A hardy and elegant looking evergreen. The leaves oblong lanceolate and serrated at the edges, the bell-shaped flowers forming a depending panicle, and the ripe berries, both of which are profusion together in the end of autumn, render this shrub very ornamental at that season. It is a native of the South of Europe, and is also found in a wild state near Killarney, in Ireland, where it probably has been brought originally from Spain or Italy. Oz 25c; lb $2.50.

Ampelopsis quinquefolia (Virginia Creeper, American Ivy). The native vine is one of the most ornamental of the climbers and is much cultivated for covering walls and buildings. It is perfectly hardy and gives a dense mass of brilliant green throughout the summer, which in the autumn changes to the richest shades of crimon and purple. Oz 20c ; lb $1.75.

Betula alba (White Birch)—A graceful tree of moderate size, with silvery bark and slender branches. Quite erect when young, but after four or five years' growth assumes an elegant drooping habit, rendering the tree very effective in landscape. Oz 15c ; lb $1.00.

Black Locust—A native tree of large size, rapid growth, ornamental ; also valuable for timber. Has long bunches of yellow ; fragrant flowers in June. Oz 10c ; lb 35c.

Buxus sempervirens (Evergreen Box) — A small evergreen shrub, desirable for edgings to borders, used in ornamental gardening. Oz 25c ; lb $2.00.

Catalpa speciosa—A variety which is said to have originated in the West. It is represented to be finer and hardier than the common, hence better adapted to forest and ornamental planting. Oz 15c ; lb $1.00.

Cedrus deodora—A native of the Himalayas. One of the most elegant of all evergreen trees, of rapid growth ; branches drooping ; foliage light-bluish or glaucous green. Oz 60c ; ¼-lb $1.75 ; lb $6.00.

Calycanthas floridus (Carolina Allspice) — A native decidous shrub, remarkable for the scent of its flowers—which is commonly thought to resemble that of ripe fruit—as well as for their peculiar color ; the bark is sometimes used in the adulteration of cinnamon ; is perfectly hardy and will grow in almost any soil or situation. Oz 20c; lb $2.00.

Fraxinus Excelsior (European Ash)—A lofty tree of rapid growth, with spreading head and gray bark, pinnate leaves and black bud. Oz 15c ; lb $1.00.

Fraxinus Americana (American Ash)—A fine tree of medium height, with broad, round head, and soft, mellow, green foliage. Oz 15c ; lb $1.00.

Fraxinus excelsior pendula (Weeping Ash) — The common well-known sort ; one of the finest lawn and arbor trees, covers a great space and grows rapidly. Oz 15c ; lb $1.00.

Honey Locust. A rapid growing native tree with delicate foliage. Used for hedges. Oz 10c ; lb 35c.

Italian Cypress. A tall, tapering, conical tree with straight branches lying close to stem, much esteemed for single specimen and arches. Oz 15c ; lb $1.50.

Juniperus Virginiana (Red Cedar)—A well-known American tree ; varies much in habit and color of foliage, some being quite stiff, regular and conical, and others loose and irregular. It makes a fine ornamental hedge plant. Oz 15c ; lb $1.00.

Liriodendron tulipifera (Tulip Tree or Whitewood)—A magnificent native tree, with broad, glossy, fiddle-shaped leaves, and beautiful tulip-like flowers; allied to the Magnolias, and, like them, difficult to transplant, unless of small size. Oz 15c; lb $1.00.

Laurestinus—An evergreen shrub with bunches of white flowers; makes fine hedges. Oz 20c; lb $1.50.

Morus alba (White Mulberry)—A native of China, principally cultivated for food for the silkworm. Oz 25c; lb $2.50.

Morus nigra (Black Mulberry)—Cultivated for ornament and shade, also valuable for its fruit. Hardy; thrives well on this coast. Leaves used as food for silkworms. Oz 35c; lb $3.50.

Morus Tartarica (Russian Mulberry)—In Europe this is valued for its fruit and timber; also used for hedges and the leaves for food for silkworms. Oz 40c; lb $4.00.

Magnolia grandiflora —A magnificent evergreen with exquisitely fragrant flowers; thrives best in rich, light soil. The superior stateliness of form and splendor of growth, the size and richness of their foliage, and lavish yield of fragrant flowers, all tend to place it in the foremost rank among hardy ornamental trees and shrubs. Oz 25c; lb $2.50.

Melia Azedarach (Chinese Umbrella Tree) A more shapely form of the old Indian species. One of our very best hardy deciduous shade trees; leaves very rich green, and hanging on later than the old China tree. Shade dense; form of tree an almost perfect umbrella. Oz 25c; lb $1.00.

Osage Orange—A native tree of medium size and spreading habit. Leaves bright, shining green; broad and sharp pointed; fruit resembles an orange. Valuable and very extensively used for farm and garden hedges. Lb 40c.

Pinus strobus (White or Weymouth Pine.) The most ornamental of all our native pines ; foliage, light, delicate or silvery-green. Flourishes in the poorest soils. Oz 25c ; lb $2.50.

Pinus Austriaca (Austrian or Black Pine)—A native of the mountains of Styria. Tree remarkably robust, hardy and spreading ; leaves long, stiff and dark-green ; growth rapid. Valuable for this country. Oz 15c ; lb $1.00.

Pinus maritima (Seaside Pine) — A variety from Southern Europe, of extremely rapid growth, and well suited to light soils in a Southern climate. Oz 10c ; lb $1.00.

Pinus sylvestris (Scotch Pine or Fir)—A native of the British Islands. A fine, robust, rapid-growing tree with stout, erect shoots and silvery-green foliage. Oz 10c ; $1.00.

Paulownia imperialis — A magnificent tropical-looking tree from Japan, of extremely rapid growth, and surpassing all others in the size of its leaves ; large, upright panicles of purple flowers in Spring. Oz 25c ; lb $2 50.

Populas Alba (White Poplar)—A tree of wonderfully rapid growth and wide-spreading habit. Leaves large, lobed and glossy-green above, and white as snow beneath. Prefers a moist soil, but flourishes anywhere. Oz 25c ; lb $3.00.

Salix alba (White Willow)—Lofty trees with handsome light-green foliage. Oz 25c ; lb $2.50.

Salisburia adiantifolia (Maiden Hair Tree) - A remarkable tree from Japan, combining in its foliage characteristics of the Conifer and deciduous tree. The tree is of medium size, rapid growth, with beautiful fern-like foliage. Rare and elegant. Oz 10c ; lb $1.00.

Sophora Japonica—A very ornamental tree from Japan with delicate, fern-like foliage. Handsome and of a rapid growth. Oz 20c ; lb $2.00.

Schinus Molle (Pepper Tree)—A well-known tree with handsome, fern-like, drooping foliage. Oz 15c; lb $1.00.

Tilia argentea (Silver Linden) —A native of Hungary; a vigorous growing tree ; handsome shape ; foliage smooth above and downy beneath, giving it a white appearance. Very ornamental. Oz 20c ; lb $1.50.

Tilia Europæa (European Linden)—A very fine pyramidal tree, of large size, with large leaves and fragrant flowers. Oz 20c ; lb $1.50.

Thuja Occidentalis (American Arbor Vitæ) — A beautiful native tree, commonly known as White Cedar ; especially valuable for screens and hedges. Oz 25 ; lb $2.50.

Thuja Orientalis (Chinese Arbor Vitæ)—From China and Japan. A small elegant tree with erect branches and dense, flat, light-green foliage ; becomes brown in winter. Oz 25c ; ¼-lb 75c ; lb $2.50.

Thuja aurea (Golden Arbor Vitæ)—A variety of the Chinese ; nearly spherical in outline, with bright yellow-tinged foliage—beautiful. Oz 40c ; ¼-lb $1.25 ; lb $4.00.

Taxus Hibernica (Irish Yew)—Peculiarly upright in growth, like a bundle of closely packed branches ; deep blackish-green foliage ; very beautiful and valuable. Oz 30c ; lb $3.50.

Ulmus Americana (American White Elm)—A majestic tree from seventy-five to one hundred feet high, of strong and rapid growth; a desirable shade and ornamental tree. Oz 30c ; lb $3.00.

Ulmus Campestris (English Elm) — An erect, lofty tree, of rapid, compact growth, with smaller and more regularly cut leaves than those of the American, and darker colored bark. The branches project from the trunk at right angles, giving the tree a noble appearance. Oz 15 ; lb $1.25.

FLOWER SEEDS

REMARKS ON THE CULTIVATION OF FLOWERS

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed, and press the soil firmly down over it). *Do not plant any seed when the ground is wet.* Many varieties should be sown early in shallow boxes in the house, the soil consisting of equal parts of fine sand and rich, mellow loam, well mixed together and sifted, to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture and keeps the temperature even. Be careful not to keep them too wet and as soon as they are large enough to handle, transplant into boxes, from one to two inches apart, where they are to remain until time to transplant to permanent beds.

Abutilon — **Chinese Bellflower, Flowering Maple** — A beautiful shrub ; flower, bell-shaped and in the varieties are to be found crimson grounds, streaked with yellow ; yellow grounds veined red ; pure white and clear yellows ; fine mixed. Pkt 10c.

ABUTILON

Acroclinium — One of the best of the everlasting flowers for winter bouquets. Annual.

Acroclinium mixed—Pkt 5c.

Acroclinium Alba—Pure white. Pkt 5c.

Abronia — Extremely pretty creeping plants, for rock work or hanging baskets. Rosy Lilac ; 1 foot. Pkt 5c.

ADONIS VERNALIS

Adonis — A plant with very pretty foliage and brilliant flowers.

Adonis Vernalis—A beautiful yellow-flowered variety. Pkt 5c.

Adonis Æstivalis (Flos Adonis)—Bright crimson flowers, finely cut foliage. Pkt 5c.

Adlumia (Mountain Fringe, Alleghany Vine)—Climbing plant with beautiful feathery foliage and pink flowers.

Adulmia cirrhosa — Pkt 5c.

Ageratum—Splendid plants for large clumps or masses. Flowers are fine for bouquets. Hardy annual.

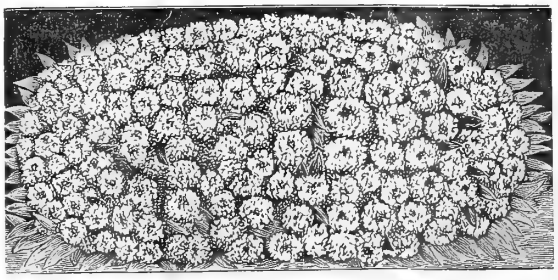
Ageratum Mexicanum—Mixed. Pkt 5c.

Ageratum, Imperial Dwarf—Blue. Pkt 10c.

Ageratum Imperial—Dwarf, white ; large heads of white flowers. Pkt 5c.

Little Dorrit—Compact oval bushes, 6 inches high and a foot through ; a mass of blue flowers. Pkt 10c.

Agrostemma (Crown of the Field) — Hardy, herbaceous plants; free-flowering and attractive. Flowers white and rose. Fine mixed. Pkt 5c.



LITTLE GEM SWEET ALYSSUM

Alyssum — A very pretty little plant for edging or rock work ; flowers are very fine for bouquets. Hardy annual.

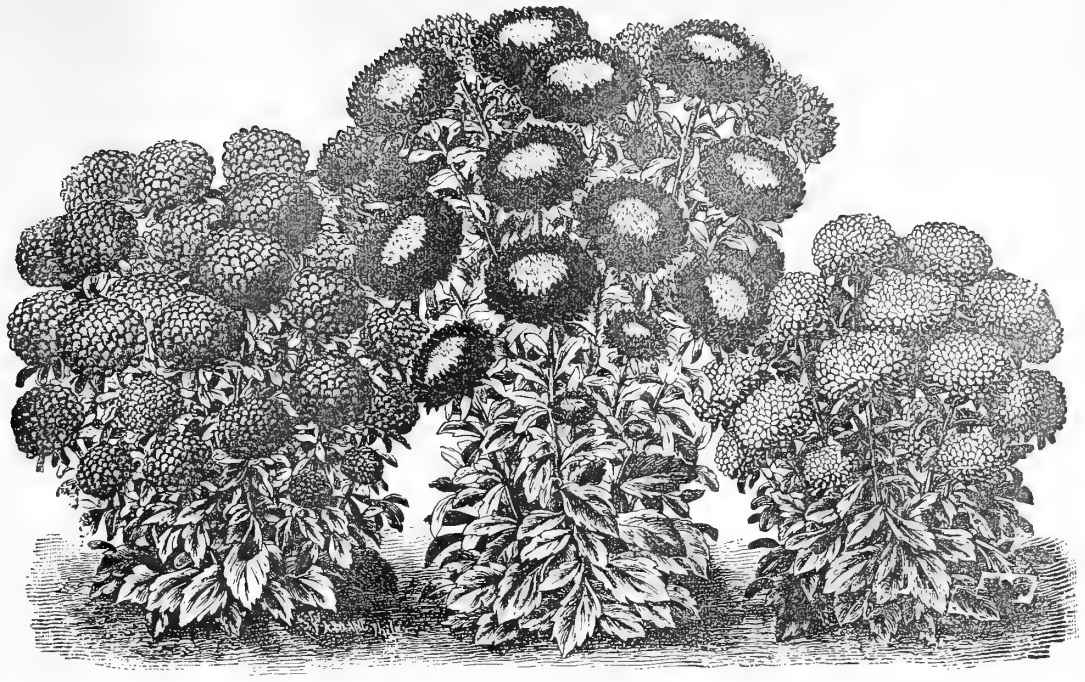
Alyssum, Sweet, Little Gem—The plants are very dwarf, spreading and remarkably uniform in growth ; only 3 to 4 inches high, and each plant spreads so as to cover a circular space 12 to 20 inches in diameter. Pkt 10c.

Alyssum, Sweet — White, fragrant. Pkt 5c.

Alyssum, Saxatile (Gold Dust) — Golden yellow blossoms. Pkt 10c.

Alyssum, Benthami Compactum — This variety grows about 6 inches high and is thickly studded with pure white flower spikes. Pkt 10c.

Alonsoa (**Mask Flower**) Flowering all summer ; makes one of the most desirable bedding plants that can be grown. Large flowered. Mixed. Pkt 5c.



PONEY FLOWERED COCARDEAU DWARF VICTORIA

ASTERS

This splendid class of plants is one of the most popular and finest of our garden favorites ; combines richness and variety of color and beauty of form. Indispensable in every garden.

Betteridge's Prize Quilled Flowers double ; the petals have the appearance of quills or tubes ; height from 1½ to 2 feet ; finest mixed colors. Pkt 10c.

Cocardeau or Crown — A very handsome variety, producing large flowers, the centers being pure white, edged with many bright colors. About two feet high ; mixed colors. Pkt 10c.

Rose-Flowered—The flowers are large and double, the outer petals finely recurved and the inner ones incurved like a rose ; two and a half feet in height ; choice mixed. Pkt 10c.

Truffaut's Pæony-Flowered Perfection—Large, fine flowers, with long, beautifully incurved petals, resembling those of the Pæony. One of the finest Asters cultivated ; mixed colors. Pkt 10c.

Dwarf Pyramidal Bouquet—So profuse in bloom that the foliage is completely hidden with flowers ; mixed colors. Pkt 10c.

Dwarf Chrysanthemum-Flowered—A splendid variety; flowers very large and produced when other varieties are out of bloom ; mixed. Pkt 10c.

Victoria Dwarf—Very large, of perfectly double form, imbricated and globular, of pyramidal habit, various colored flowers ; mixed. Pkt 10c.

Washington —Splendid, extra large flowering and very double ; two feet ; mixed. Pkt 10c.

Ball-shaped or "Jewel"—A magnificent new class. The flowers are perfectly round or ball-shaped, densely double, nine inches in circumference, short incurved petals. Plants sturdy ; 2 feet. Pkt 10c.

Boltze's Dwarf Bouquet— Charming profuse-blooming class ; eight inches. Pkt 10c.

Mignon — The flowers are light-blue, lilac, rose carmine rose and crimson varieties, in addition to the fine white, one obtained several years back. Pkt 10c.

Comet—A beautiful class, forming fine, regular pyramids twelve to fifteen inches high, covered with large double flowers. In shape they resemble a large-flowered Japanese Chrysanthemum, the petals being long and twisted or curled and wavy. The color is a lovely delicate pink bordered with white. Pkt 10c.

New Branching Asters—The New Branching Aster is unequalled. It is quite different in several respects from any Aster known to the trade, and those points in which it varies are points of highest merit. The branching habit is accompanied with great vigor of growth and profusion of bloom and in planting ample room should be allowed for development The flowers, which are of extraordinary size, are exceedingly graceful and handsome, and are borne erect on very long stems which gives them additional value for arranging in vases and for wearing on the person. Pkt 10c.

Semple's Late-blooming Branching—These Asters are of great value both for garden decoration and for cutting ; the flowers are large, 4 inches across, are very double and of purest colors ; and being borne on unusually long stems they very gracefully lend themselves to artistic arrangement in vases. The fact that they bloom so late, commencing with us about the first of September and continuing until killed by frost, renders these Asters of exceptional value. The plants are strong, luxuriant growers, 18 inches to 2 feet high. Choice mixed colors. Pkt 10c.

Vick's New White Branching—Finest late sort, with large, graceful, wavy-pedaled flowers, freely produced on long stems. Pkt 10c.

Queen of the Market, New Early Flowering—Of graceful spreading habit ; its great merit is its early-flowering character, being in full bloom two weeks before most other Asters begin to blossom. The colors are deep blue, white, pink and deep rose. Finest mixed. Per pkt 10c.

Amaranthus—Ornamental foliage plants, of an extremely graceful character, always producing a fine effect. Annual; red flowers.

Amaranthus caudatus (Love Lies Bleeding)—Pkt 5c.

Amaranthus cruentus (Prince's Feather)—Pkt 5c.

Amaranthus tri-color (Joseph's Coat)—Very fine. Pkt 10c.

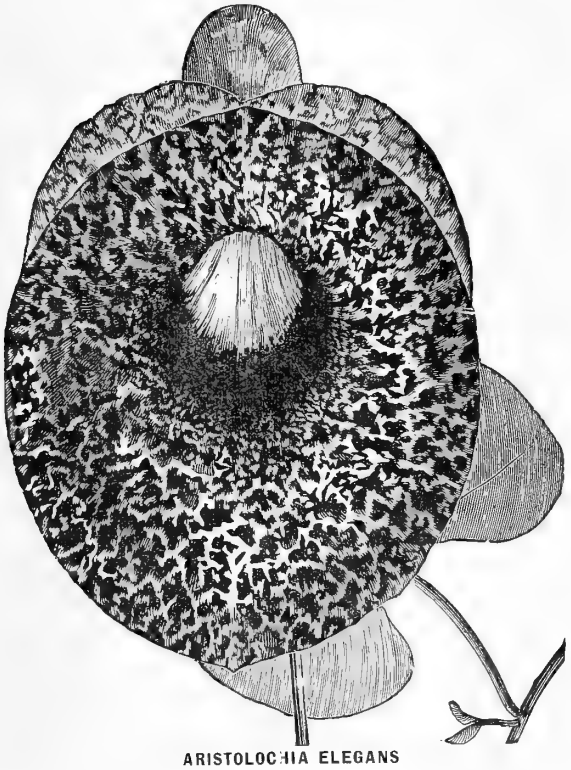
Amaranthus salicifolius (Fountain Plant)—One of the finest sorts. Pkt 5c.

Ampelopsis Veitchii ("Japanese Ivy" or "Boston Ivy")—The young growth during Summer is a dark purplish green, changing in Fall to the brightest tints of scarlet, crimson and orange; it is our finest hardy climber for permanently covering stone and brick buildings, old trees, etc. It clings by rootlets thrown out along the stem and consequently needs no support. Pkt 10c.

Antirrhinum—**Snapdragon**—A favorite plant of easy culture, unsurpassed for Summer and Fall flowering. Red and white mottled flowers. Perennials.

Antirrhinum—Tall; mixed. Pkt 5c. Dwarf; mixed. Pkt 5c.

" **Picturatum**—A new and distinct variety, striped and blotched; mixed. Pkt 10c.



ARISTOLOCHIA ELEGANS

Aristolochia elegans—One of the best Summer climbers; of rapid and dense growth. It has flowers profusely, even on small plants, its elegant flowers are of a rich dark purple, ornamented throughout with irregular markings of creamy white, and having a golden yellow eye surrounded by velvety purple. Pkt 15c..

Aristolochia sipho—Flowers are brownish-yellow. Pkt 10c.

Armeria—**Thrift, Sea Pink**—A very hardy plant; largely used for edging; plant compact and beautiful. Hardy perennial.

Armeria maritima splendens—Rosy pink. Pkt 10c.

Argemone—**Prickly Poppy**—Very showy plants, with large poppy like flowers. Hardy annuals; 2 feet. Fine mixed. Pkt 5c.

Asperula (**Sweet Woodruft**)—Very pretty dwarf hardy plant, much esteemed for its delightful odor, which, when wilted, is much like new mown hay, and when kept among clothes imparts an agreeable perfume to them. Flowers white and blue. Pkt 5c.

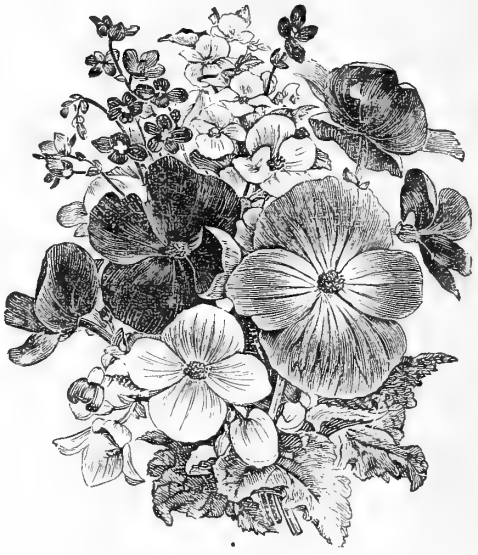
Aquilegia **Columbine**—A class of very ornamental plants, flowers are curious in form, with beautiful and varied colors.

Aquilegia Chrysantha—Beautiful yellow flowers. Pkt 10c.

Aquilegia (Double and single)—Fine mixed. Pkt 10c.

Auricula A dwarf-growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Enland, where flower shows are held of this plant alone.

Extra Choice Mixed—From a prize collection. Pkt 25c.



BEGONIA, SINGLE

BEGONIA

The Tuberous-roofed Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be as they require no more care than the Geraniums; have as fine a range of color and will bloom continuously throughout the summer. Their rich colors range from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. If sown early they will bloom the first season.

Begonia—Tuberous-rooted, single; mixed; individual florets often measure 4 to 6 inches across, and range in color, through white, yellow, pink and all the reds; mixed. Pkt 25c.

Begonia—Tuberous-rooted, double. Very showy and double; brilliant colors; mixed. Pkt 35c.

Balloon Vine—**Love-in-a-Puff**—A rapid growing, handsome climber, suitable for inside or outside decoration. Annual. Pkt 5c.

Balsam—**Lady's Slipper**—One of the most beautiful and popular of our annuals; fine conservatory and garden plant; needs rich soil and good cultivation to produce large and brilliant flowers. Double; mixed. Pkt 10c.

Bartonia—A showy annual. Sow where it is to bloom, as it will not bear transplanting, Height, 1 foot. Bright yellow. Pkt 5c.

Bignonia—**Trumpet Vine**—Magnificent, hardy, deciduous climber, with brilliant flowers; deserving first place as the most ornamental and effective covering for walls, houses, etc. Hardy perennial. Scarlet, 30 feet. Pkt 15c.

Beet—**Ornamental** — A most effective foliage plant, its leaves producing a wealth of tropical beauty not attained in any other plant, surpassing the Coleus in its infinite and impressive coloring, excelling the Canna and Caladium in its massive grandeur. Its metallic, lustrous and glistening leaves equal any of the most expensive exotics and conservatory plants. Brazilian and Chilian varieties; mixed. Pkt 10c; oz 25c; ¼ lb 50c.

Beans—**Scarlet Runner** — Very rapid climbers; flowering profusely and admirably adapted for covering screens, etc. Fiery scarlet. Pkt 5c; lb 25c.

Brachycome—**Swan River Daisy**—A beautiful, free-flowering, dwarf-growing plant; covered during the summer with a profusion of Cineraria-like blossoms. Blue and white flowers. Pkt 10c.

CALENDULA

Browallia—Now considered indispensable in all massing and ribbon-like gardening. It is easily reproduced from seed, and requires no special cultivation. Hardy annual. Flowers are blue and white. Mixed. Pkt 5c.

Bryonopsis—A beautiful summer climber, bearing green fruits, which change to bright scarlet striped with white. Pkt 10c.

Calendula **Cape Marigold** — Showy, free-flowering, hardy annuals, producing a fine effect in beds or borders, and flowering very late in the autumn. Extensively used by florists; grows well in any good garden soil.

Calendula Officinalis Le Proust—Durable; nankeen colored. Pkt 5c; oz 50c.

Calendula Meteor—Double; light orange striped flowers; 1½ ft. Pkt 5c; oz 50c.

Calendula Prince of Orange—Double; deeper orange than "Meteor." Pkt 10c.

Colendula Pongei—A white Marigold, with double flowers; 1 foot. Pkt 5c,

Calendula, The Royal Marigold, "Trianon" - Is very showy, being of a bright sulphur-yellow, with very dark brown center. Pkt 10c.

Calendula, Oriole or Large-Flowering Bright Yellow—This is *surpassingly grand and brilliant*, far eclipsing any Calendula hitherto known. *Extra large and double* flowers of intensely bright golden-yellow color. Pkt 10c.

Calampelis **Bugle Vine** — A well-known beautiful annual climber. Trained to a trellis or south wall it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage. Pkt 10c.

CAMPANULA, "CUP AND SAUCER."

Campanula **"Cup and Saucer"** (C. Calycanthema) — A comparatively new race of "Canterbury Bells." The flowers are large, of beautiful colors, resembling in shape somewhat a cup and saucer. Mixed; blue, white and lilac. Pkt 10c.

Canterbury Bells—Very ornamental garden plants of the easiest culture; hardy biennial. Two and a half feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades.

Canterbury Bells—Double; mixed. Pkt 5c. Single; Pkt 5c.

Cacalia—**Tassel Flower**—A beautiful and profuse flowering plant with tassel-shaped orange and scarlet flowers; fine for mixed borders. Hardy annual. Mixed. Pkt 5.

Cactus — Succulent plants of curious and ornamental growths; showy and handsome flowers in great variety. *Tender perennial.*

Finest Mixed—From a large collection. Pkt 10c.

Calandrina—Very beautiful free-flowering plant; valuable for rock-work and sunny situations. Flowers are brilliant rose and white. Hardy annual.

Calandrinia speciosa—Mixed. Pkt 5c.

CALCEOLARIA

Gorgeous plant for greenhouse and window decorations; the large, pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, crimson, ect.; spotted and blotched in the most unique and beautiful fashion.

Calceolaria grandifloria (Self's Tigers)—Mixed. Saved from a prize German collection; a splendid strain. Pkt 25c.

Calceolaria—New; striped. Flowers striped like a bizarre Carnation. Pkt 50c.

Calceolaria Rugosa—Mixed (shrubby). Small flowering varieties for bedding; of the finest colors; 2 feet. Mixed. Pkt 25c.

Canary Bird Flower—Exceedingly beautiful climbing plant; flowers bright yellow and fringed; foliage very ornamental. Pkt 10c.

Candytuft — Iberis — One of the most useful annuals; very effective in beds, groups, ribbons, etc.; also for conservatory decorations; indespensable for bouqets. 1 foot. Hardy annual.

Candytuft — Fragrant; white. Pkt 5c.
" Rocket; white. Pkt 5c.
" Carmine. Pkt 5c.
" Purple. Pkt 5c.
" Mixed. Pkt 5c.

Candytuft, "Empress or Snow Queen"—A complete mass of pure white flowers, borne on a candelabra shaped plant. Pkt 10.

Candytuft, Sempervirens — A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc. Pkt 5c.

DWARF CANNAS.

Cannas — Handsome foilage and flowering plants, producing striking effects on the lawn or in the garden, either singly or in groups. The large-flowering sorts are admirably adapted for house growing in pots during the winter, many of them blooming the entire year. Soak in warm water over night, and plant ½ inch deep. They will germinate in a few days.

Large-flowering—Collection of six sorts. Pkt 50c.

Finest Mixed —A dwarf race, with large flowers in a great variety of colors; 3 to 4 feet. Oz 75c; pkt 10c.

CARNATION

CARNATION MARGUERITE

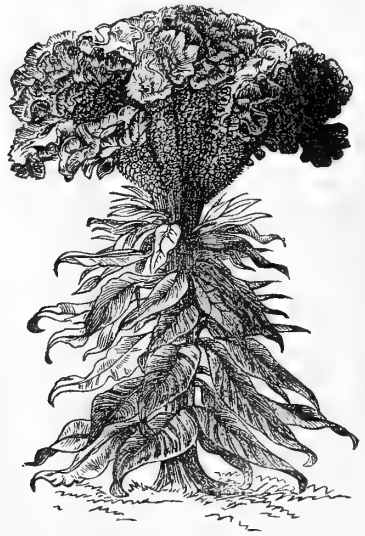
Marguerite—This magnificent species has met with enormous success; thousands of gardners and amateurs state that a similar valuable novelty has never been offered. This variety will flower from seed in about four months after sowing. The plants are of robust habit and flower most profusely. Early sowing will give a profusion of sweet-scented flowers in July. By a proper method of growing, you will have flowers throughout the year. Pkt 15; two pkts 25c.

Carnation—Perpetual or tree; saved from the choicest double flowers. Pkt 25c.

Carnation—Fine; German. Pkt 10c. Good; mixed. Pkt 10c.

Catchfly — Silene — A showy, free-flowering plant for beds, borders or ribbons. Succeeds in any common soil. Hardy annual.

Catchfly—Red, white and pink; mixed. Pkt 5c.



CELOSIA

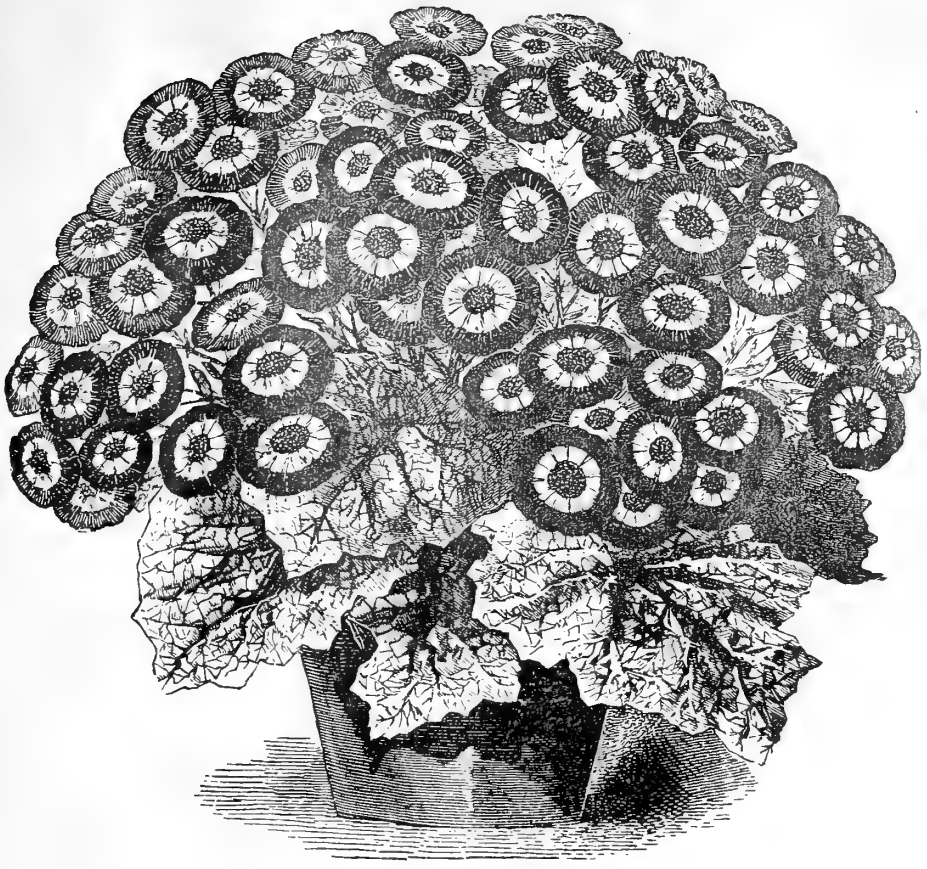
Celosia—Coxcomb — Annual plant of tropical origin; one of the most satisfactory and showy plants for garden decoration; produces fine spikes of feathery-like bloom. Sow in light soil.

Cristata—Crimson. Pkt 10c.

Dwarf—Mixed. Pkt 10c.

Glasgow Prize—An improved Coxcomb, producing large blooms of dark crimson. Pkt 10c.

Fire-feathered—The plant grows three feet high, and the *main stem* puts forth *thirty to thirty-five branches*, each crowned with a feathery flower head of an intense orange scarlet or fire color. Pkt 10c



CINERARIA—LARGE FLOWERING HYBRIDA

CINERARIA

Hybrida or Flowering Varieties—Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure two to three inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom. **Large Flowering, Mixed** Pkt 15c.

Kermisina, Large Flowering, Crimson—A rich variety crimson; flowers of largest size, with a double row of petals. Pkt 25c.

Extra Large Flowering Hybrida—First quality. Pkt 35c.

Cineraria, Maritima (Dusty Miller)—Fine for bedding or ribbon beds; beautiful silvery foliage. Pkt 10c.

CHRYSANTHEMUM

Chrysanthemum (**Fancy, Double**)—Choicest mixed, from all the best sorts of large flowering incurved Pompons, Japanese, etc. Pkt 25c.

Chrysanthemum (**Fancy, Single**)—Also called "Painted Daisies." Exceedingly showy, large, single flower of bright-red, maroon and purple, with golden border. Very fine for cut flowers. Pkt 10c.

Chrysantheum Frutescans Grandiflorum—A species extensively used in all the parks and gardens of Paris. It is literally covered all summer with a profusion of white, star like flowers. Pkt 10c.

Centranthus—The flowers are borne in large clusters; beautiful for borders or bouquets; no trouble to raise from seed in open ground. Mixed. Pkt 5c.

Clarkia—A very pretty, hardy annual; grows freely, and blooms profusely under almost any circumstances. Large flowers; rose, red, white and purple. Hardy annuals.

Clarkia elegans—Finest mixed. Pkt 5c.

CRYSANTHEUM—FANCY, SINGLE

CentaureaCyanus

(Bachelor's Button,)

Bluet—A very old favorite garden annual, flowering freely in almost any situation; height, 2 to 3 feet; for cut flowers they are largely used both in Europe and this country, a little bunch of the *blue* corn flower being a favorite *boutonniere*. Blue, rose, white or mixed colors. Pkt 5c.

Double—Produces double globular heads of flowers of large size, and filled up to the center with florets. Pkt 10c

Victoria—This charming diminutive variety forms little bushes only 8 inches high, producing clusters of bright blue flowers. A very pretty plant for edging or pot culture. Pkt 15c.

Emperor William—Large, dark-blue corn flower. Pkt 10c.

Centaurea—**(Dusty Miller)** The annual varieties are very desirable for groups or mixed borders. All except Centurea cyanus, are the best silver-foliaged plants in cultivation, and are very effective either in groups, borders or single specimens.

Centaurea Candidissima—Silvery-leaved. Pkt 15c.

Cleome Pungens (**Giant Spider Plant**)—A robust plant growing vigorously 4 to 5 feet high, unaffected by wind or weather, and flowering profusely for months. The flowers are very showy, with long, slender stamens, single petals measuring an inch across, and of a bright rose color. The long slender seed pods are carried upon still longer stipules giving the effect of a many-legged spider, with the bright bunch of flowers as the head. It grows freely from seed, thrives luxuriantly and blooms all summer. It is also one of the very best honey-producing plants. Pkt 10c.

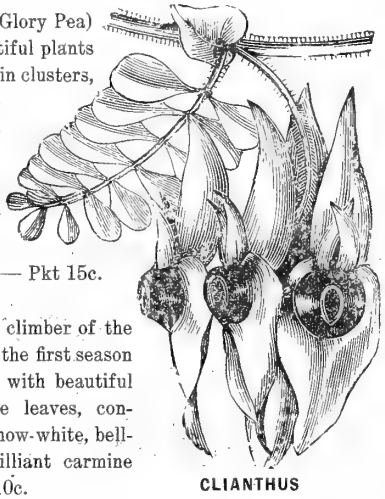
Cobea—A very fine and rapid growing climbing plant with large bell-shaped purple flowers, and beautiful foliage; needs rich soil. Plantthe seed edgewise and cover lightly.

Cobea Scandens — Pkt 10c.

Clematis—**Virgin's Bower**—A well-known hardy climbing plant, unrivaled for covering arbors, fences, etc.

Clematis flammula – White, fragrant. Pkt 5c.

Clianthus (Australian Glory Pea)—One of the most beautiful plants in cultivation. Flowers in clusters, drooping pea-shaped, 4 in. in length, of brilliant scarlet with an intense black spot in the center. It requires a dry, warm soil, and little water.



CLIANTHUS

Clianthus Dampieri — Pkt 15c.

Coccinea—A handsome climber of the gourd species flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers and brilliant carmine fruit; perennial. Pkt 10c.

Collinsia – Very pretty, free-flowering plant, blooming in whorls, and several whorls around each flower stem; mixed, of all varieties and colors. Hardy annual; 1½ feet. Pkt 5c.

COLEUS

One of the best known and most admired of ornamental foliage plants. The leaves are all shapes, colors and shades, and are handsomely marked and variegated; fine Pkt 25c.

Cox's Exhibition—Saved from a very large collection which is being annually improved with the finest and showiest hybrids. Pkt 50c.

Commelina—A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. The roots can be preserved like Dahlias; perennials, blooming the first season from seed. 1½ feet.

Commelina — Rich sky-blue. Pkt 5c.

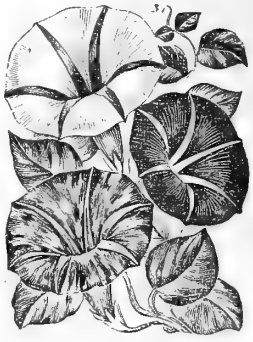
Commelioa — Pure white. Pkt 5c.

Coreopsis—**Calliopsis**—Colors are bright and striking; flowers are red, yellow and brown; beautiful and fine for bouquets. Hardy annual. Mixed. Pkt. 5c.

Calliopsis, Golden Wave—For a mass of bright color, this is probably the most effective of all annuals. It is indeed a wave of gold. Pkt 5c.

Calliopsis, Lanceolata — One of the most showy hardy perennials grown, forming tall plants 2 to 3 feet high, and bearing in great profusion for a long period during the summer; large flowers of bright golden-yellow. Pkt 10c.

Morning Glory — **Convolvulus Major** — A well-known beautiful climbing annual, suitable for covering arbors, trellises, fences, etc. In bloom from July until autumn. Mixed. Pkt 5c.



MORNING GLORY

Convolvulus Minor Dwarf—**Morning Glory** — Beautiful free-flowering and showy plants with handsome, rich-colored flowers, producing a rich effect in bed and mixed borders. Hardy annual. Mixed. Pkt 5c.

Corn Flower—See Centaurea Cyanus.

Cowslip—An old favorite plant for borders, flowering early in the spring; succeeds best in rich soil. Hardy perennial.

Cowslips — Fine, mixed varieties. Pkt 10c.

COSMOS

Hybridus—This magnificent annual is among the most showy and graceful of all garden flowers, and nothing can give greater satisfaction for a display. They make large plants, growing 5 to 7 feet high, which are beautiful masses of the most elegant foliage, until they begin to bloom, when each plant will have hundreds of large, showy blossoms, resembling single Dahlias.

Cosmos—Mixed Pkt 10c. White. Pkt 10c.

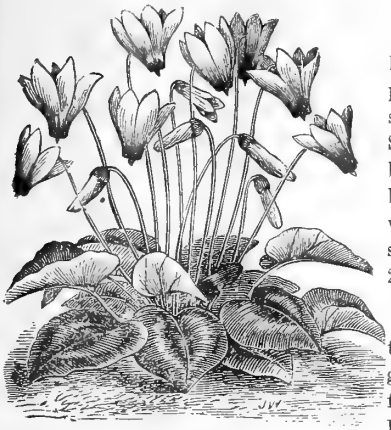
COSMOS GOLDEN YELLOW

Golden Yellow Cosmos — Commences to bloom almost immediately after being set out in the spring, covering the delicate, glossy, fern-like foliage with a solid sheet of golden-yellow flowers, and not rising more than 15 inches above the ground. The color and habit being entirely unknown among varieties of Cosmos, will certainly secure a place for it as an edging to the older sorts which are usually tall growers and late bloomers. It is also well adapted for solid beds, being almost continually in flower. Pkt 10c.

Cuphea—**Cigar or Firecracker Plant**—A favorite bedding plant, familiarly known as Cigar Plant on account of its fancied resemblance to a lighted cigar.

CUPHEA

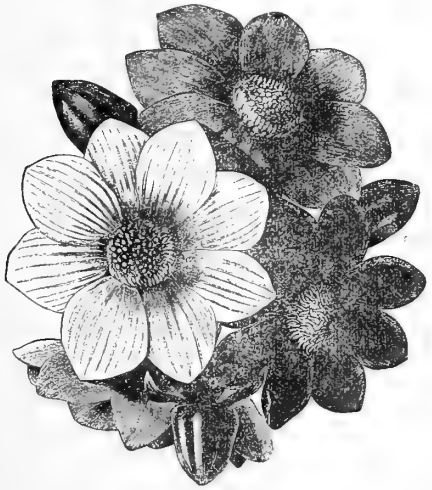
Cuphea Miniata—A pretty *annual* for pots or the garden, bearing numbers of curiously shaped flowers, of a bright vermillion. Pkt 5c.



CYCLAMEN

Cyclamen—A highly valued green-house plant, producing exceedingly handsome red and white flowers. Sow the seed in spring and by autumn it will produce a bulb, which, if care is taken, will blossom the following spring. Choice mixed. Pkt 25c.

Cypress Vine—A tender climbing plant, of great beauty, with feathery foliage and elegant flowers. Put the seed in hot water before planting, and keep the ground moist till the seeds are up. Scarlet and white flowers. Annual. Mixed. Pkt 5c.



SINGLE DAHLIA

Dahlia, Double—A beautiful variety of plants; flowering in autumn. They are of easy cultivation, growing freely in almost any soil, from seed sown early in the spring. Sow the seed in shallow boxes and transplant the seedlings. Pkt 10c.

Dahlia, Single—The single varieties make fine plants for outdoor decoration and for baskets and vases through the month of August. Flowers first season from seed. All colors; mixed. Pkt 10c.

Daisy—A well-known favorite border plant. Needs a cool, shaded place. Will bloom the first season if sown early. Double, mixed. Pkt 10c.

Daisy, Longfellow—Very double dark rose flowers; of unusual size. Pkt 10c.

Daisy, Snowball—A large and very double pure white Daisy. Flowers on long stems, excellent for cutting. Pkt 10c.

Datura (Trumpet Flower)—A very ornamental class of plants, suitable for clumps, producing large trumpet-shaped golden and white flowers; hardy annual.

Datura—Mixed. Pkt 10c.

Datura Fastuosa Huberiana—Large double white and violet flowers. Pkt 10c.

DIANTHUS

The Pink, Picotee and Carnation, all belong to this genus. They are all noted for their large, sweet-scented, high-colored flowers, and profusion of bloom. Sow early in the spring in light soil, in shallow boxes; transplant the young plants as soon as they have a few leaves, into small pots, or where they are to remain.

Dianthus Chinensis Fl. Pl. (China or Indian Pink) — Double mixed. Pkt 5c.

Dianthus Heddewigii—Double fine mixed. Pkt 10c.

Dianthus diadematus—Superb variety; dwarf; double. Pkt 10c.

Dianthus imperialis—Double imperial; fine mixed. Pkt 10c.

Dianthus laciniatus—Beautifully fringed; double. Pkt 10c.

Dianthus, Crimson Bell — Large fringed, crimson flowers. Pkt 10c.

Dianthus, Eastern Queen—Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt 10c.

Dianthus, Morning Cloak—A beautiful variety; flowers very large and double, of a deep purplish-black color; the pedals are elegantly fringed and distinctly bordered with pure white. Very striking and distinct. Pkt 10c.

Delphinium, Larkspur. —Plants remarkable for their beauty, diversity of shape and ornamental qualities. The principal color is blue; hardy perennial. Annual varieties (*see Larkspur*).

DIGITALIS—FOX GLOVE

Delphinium—Dwarf; German. Fine mixed. Pkt 10c.

Delphinium Cardinal—A true scarlet Larkspur, growing 6 to 10 feet high and produces its bright scarlet and showy flowers in great abundance. Pkt 15c.

Digitalis, Fox Glove—Handsome ornamental plant, of stately growth and long spikes of finely colored flowers. Fine for shrubberies and half shady places.

Digitalis—Brilliant colors; mixed. Pkt 10c.

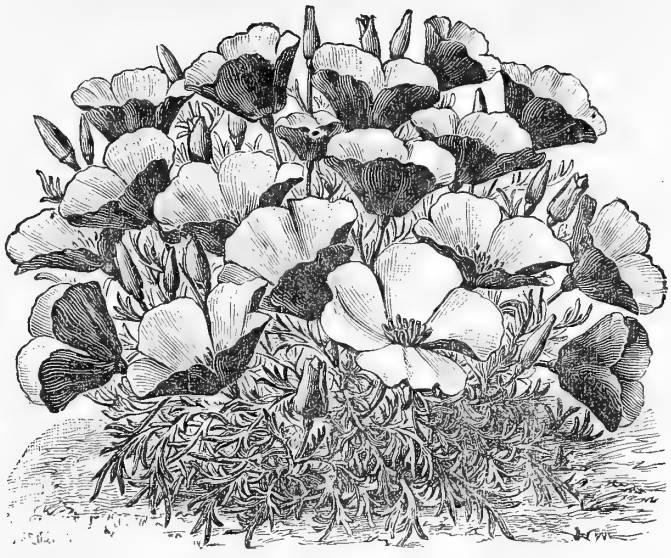
Digitalis gloxinoides — Gloxinia shaped flowers; mixed. Pkt 10c.

Dolichos (Hyacinth Bean)—A beautiful class of quick-growing ornamental climbers, flowering in clusters. Tender annuals. Purple white, mixed. Pkt 5c.

Erythrina (Erythrina Cristi-Galli) — The Brazilian Coral Plant. Magnificent in clumps on the lawn. The long spikes of dazzling scarlet, contrast well with the rich green foliage. Pkt 25c.

Eternal Flowers (Or Everlasting)—A very ornamental border plant; the blossoms are used for winter bouquets. Many sorts; mixed. Pkt 10c.

Eupatorium Frazerii—Hardy perennial plants, with large clusters of fine, white flowers; fine for bouquets; 2 to 3 feet. Pkt 10c.



ESCHSCOHLTZIA

CALIFORNIA POPPY

Eschscholtzia—The Golden Eschscholtzia has aided in no small degree in making California famous as a land of sunny flowers, and has very appropriately been selected as the State Flower of California. In its wild state it covers thousands of acres of our California hills and plains with its intensely brilliant flowers, which, the bright sunlight, are perfectly dazzling. Needs light, rich soil.

Eschscholtzia Californica—Shades of Yellow. Pkt 5c.

Eschscholtzia Rose Cardinal — Bright rose-colored flowers, pretty foliage; a very useful addition to our hardy annuals. Pkt 10c.

Eschscholtzia Crosea—Yellow flowers; when once introduced into the garden will sow themselves. Pkt 10c.

Eschscholtzia Maritima—A new variety of the Yellow California Poppy, found in Guadaloupe Islands, of a deep golden yellow; a perennial. It is a perpetual strong growing variety and cannot be praised too highly. Pkt 10c.

Eschscholtzia Crocea, fl. pl.—Double yellow. Pkt 15c.

Euphorbia Variegata — Snow on the Mountain— A large, robust growing hardy annual, with very ornamental green foliage, striped with white; 2 ft. Pkt 10c.

Ferns—These handsome plants grow best in a soil composed of a mixture of sand and peat. Mixed varieties. Seed saved from a fine assortment. Pkt 25c.

Feverfew — Matricaria — Handsome profuse white flowering ornamental plants, fine for garden or pot culture. Pkt 5c.

Forget-me-not—See Myosotis.

French Honeysuckle — Hedysarum — A free-growing border plant of easy culture. Hardy perennial. Red and white. Pkt 5c.

Fuchsia—Ladies' Ear Drop—A well-known plant of easy culture; in pots for conservatory, parlor decorations, or the open ground. Very easily grown from the seed. Perennial.

Fuchsia—Fine; mixed. Pkt 15c.

Gaillardia—One of the most brilliant and useful of garden flowers. Most suitable for bedding, producing large flowers in great abundance throughout the entire summer.

Gaillardia Grandiflora Superba — Splendid variety, dark red, with bright yellow border. Pkt 15c.

Gaillardia Grandiflora Hybrida — Rich crimson and yellow. Pkt 10c.

Gaillardia Picta Lorenziana — Saved from the finest double flowers of diferent shades varying from sulphur-yellow to purple. Pkt 10c.

Gaillardia — (Single) —The flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and Vermillion.

Mixed.—Pkt 10c.

GAILLARDIA PICTA LORENZIANA

Geranium — Probably the Geranium is better known and more admired than any other plant grown. In the last few years there has been great improvement both in color and in form of the flowers and brilliancy of foliage. Very easily raised from seed. Succeeds best in sandy loam. **Geranium**—Splendid; mixed. Pkt 10c.

Pelargonium—Lady Washington — From the finest named sorts only. Mixed. Pkt 50c.

Glaucium—Horn Poppy — A showy plant, with long silvery leavess, gracefully recurved and deeply cut and curled, flowers bell-shaped, orange, yellow. Pkt 5c.

Globe Amaranthus—Gomphrena — A desirable everlasting flower, valued for its variety of color. The flowers are cut in summer and dried for winter bouquets; seeds germinate slowly; should be soaked in warm water before planting. Tender annual. Mixed; all colors. Pkt 5c.

Gilia—Very pretty dwarf plants; will bloom in almost any situation. Desirable for massing.

Gilia—Rose, purple, white, blue; mixed. Pkt 5c.

Gladiolus—A fine plant, with long spikes of various colors; easily raised from seed.

French Hybrid—Choice mixed. Pkt 10c.

Gourds—Ornamental — The varieties in our collection have been selected either for the ornamental character of the foliage, the singularity or symmetry of their fruit, the variety of their coloring, or their usefulness. Valuable climbers.

Nest Egg—These exactly resemble in color, shape, and size the eggs of hens, making a capital nest egg. A rapid growing climber. Pkt 10c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, capable of holding from 2 to 10 gallons each. Pkt 10c.

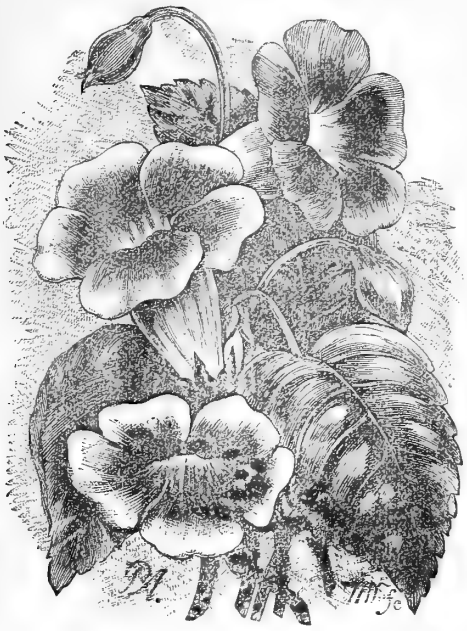
Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquid, etc. Pkt 10c.

Dish-Cloth Gourds—(Chinese Loofa)—The peculiar lining of this fruit, which is sponge-like, porous, tough, elastic and durable, makes a natural dish-cloth. The vine is very ornamental. Pkt 10c.

Gourds—Elegant mixture. Compound of many elegant and useful sorts. Pkt 10c.

Godetia—Handsome summer flowering plants of dwarf, compact growth, bearing freely large flowers of exquisite colors and shades of crimson, lilac, purple and white; mixed. Pkt 10c.

Golden Feather—Beautiful gold-leaved border plant, retaining its ornamental character till late in the autumn. Pkt 10c.



GLOXINIA

Cox's Prize Strain—Embraces the greatest possible variety of form and coloring, and includes rich shades of crimson, blue and white selfs, together with a variety of parti-colored flowers, elegantly mottled and striped. Pkt 25c.

Grevillea Robusta—Exceedingly graceful for table decoration. In the conservatory and sub-tropical garden they rank foremost as fine foliage plants. Pkt 10c.

GRASSES

Ornamental—Many varieties of the Ornamental Grasses are curious and beautiful. When dried and tastefully arranged with everlasting flowers they make very attractive winter bouquets; for this purpose they should be cut while fresh and green (before turning yellow); tied in small bunches and hung up in the shade. They should be sown in April, in good soil, thinned out or transplanted, giving each plant plenty of room. Mixed. Pkt 10c.

Agrostis nebulosa—Exceedingly graceful and beautiful. Hardy annual. Pkt 5c.

Avena sterilis (Animated Oats)—Drooping; very graceful. Annual; 2 feet. Pkt. 5c.

Briza Maxima (Large Quaking Grass)—Very elegant; one of the best ornamental grasses. Hardy annual; 1 foot. Pkt 5c.

Coix lachrymae (Job's Tears)—With broad, corn-like leaves, and hard, shining, pearly seeds, resembling tears Annual. Pkt 5c; oz 30c.

Eragrostis elegans (Love Grass)—Very graceful and beautiful. Annual; 1 foot. Pkt. 5c.

Erianthus ravennae—Almost identical with the Pampas Grass but more hardy; hardy perennial. Pkt 10c.

Eulalia Japonica—New Japanese Ornamental Grass; height 6 to 7 feet; a single plant having from 30 to 40 elegant flower spikes of violet color. Pkt 10c.

Gnerium argentum (Pampas Plume)—The finest and most noble grass in cultivation; very ornamental; grown extensively in Southern California for its beautiful silvery-white plumes. Pkt 10c.

Hordeum jubatum (Squirrel-tail Grass) Very handsome. Pkt 5c.

Panicum sulcatum—Feathery spikes. Pkt 10c.

Stipa pennata (Feather Grass)—Very graceful; hardy; 2 feet; Pkt 10c.

Zea Japonica (Striped Japanese Maize)—Pkt 10c.

Gypsophila—Small fragrant flowers, borne on long, feathery stems. No flower adds more light and grace to a bouquet than this, and when once grown will be found indispensable. Although not belonging to the immortelle class, the flowers dry finely and are desireable for winter bouquets.

Gypsophila elegans—White and pink. Mixed. Pkt 5c.

Gypsophila paniculata—White flowers, beautiful for bouquets, imparting a light, airy appearance. Pkt 5c.

Helianthus—Sunflower—A well-known hardy plant, of stately growth, remarkable for the brilliancy and size of flowers. Hardy annuals.

Helianthus Californicus—Double. Pkt 5c.

Russian Mammoth—Very large. Pkt 5c.

Globosus fistulosis—Flowers very large, globular and of a rich saffron yellow. The very best. Pkt 10c.

Helichrysum—Flowers are mostly used for winter bouquets, for which they are cut before blooms are expanded, and dried in the shade. Hardy annual; finest mixed; all colors. Pkt 5c.

Heliotrope—A well-known fragrant flower; excellent for bedding and pot culture. Seed sown early in spring makes fine plants for summer; light, rich soil. Half hardy perennial.

Heliotrope—Mixed. Pkt 10c.

Heliotrope (Dr. Livingston)—Very fine dark variety. Pkt 10c.

Heliotrope (Madame de Blonay)—White, for bouquets. Pkt 10c.

Hollyhock—The distinctive character and massive beauty of the Hollyhocks render them unrivaled as a picturesque relief to the dark background of evergreen shrubs. For distant effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders; bloom second season from seed. Our improved varieties are magnificent with the most perfect flowers.

Hollyhock—Double white. Pure and true. Pkt 10c.
" Double Magenta. Pkt 10c.
" Double Lemon. Pkt 10c.
" Double Pink. Pkt 10c.
" Double Purple. Pkt 10c.
" Double Maroon. Pkt 10c.
" Double Violet. Pkt 10c.
" Double Sulphur and Chocolate. Pkt 10c.
" Double Purple and White. Pkt 10c.
" White, red center. Pkt 10c.

One paper each of above sorts, 75 cents.

Fine double; mixed. Pkt 10c.

Honesty—Satin Flower—The silvery seed pods are much used for winter decoration; very handsome, free-flowering Two feet. Pkt 5c.

Humulus Japonicus—Japanese Hop—A very ornamental and extremely fast growing climbing plant. The foliage resembles in shape that of the common Hop, but has more incisions, is very dense, and in color a lively green. One of the best climbers for covering verandas, trellises, etc. Pkt 10c.

Humulus Japonicus, variegata (Variegated Leaved Japan Hop)—A strikingly beautiful variety of the above The leaves of rich green are blotched and marked with white and gray Pkt 10c.

Humea—**Elegans**—A very ornamental plant for pot culture or sub-tropical effects on the lawn. Flowers borne in immense numbers on long drooping branches. Colors, ruby red, pink and crimson. Pkt 10c.

Ipomopsis—**Standing Cypress**—Remarkable, handsome, free-flowering plants, long spikes of orange and scarlet flowers, almost unsurpassed for brilliancy and beauty; effective for conservatory or out door decorations; succeeds in light, rich soil.

Ipomopsis—Fine mixed. Pkt 10c.

Ice Plant— **Mesembryanthemum** — Profuse flowering, dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil, requiring a warm, sunny situation; fine for beds, edgings, rock-work, etc. Mixed. Pkt 5c.

ICE PLANT

IPOMEA

Very pretty, rapid growing climbing plants, with handsome, bright colored, trumpet-shaped flowers, excellent for covering old walls, stumps, arbors, etc.

Ipomea quamoclit (Cypress Vine)—Mixed. Pkt 5c.

Ipomea Bona Nox—**Evening Glory** — A very ornamental climber and exceedingly beautiful for conservatory or garden decoration; large, fragrant, white flowers, which expand in the evening; grows to a height of 10 feet. Pkt 10c.

Ipomea—**Heavenly Blue**—The foliage is large, heart-shaped, thick and light-green; flowers four and a half to five inches across, in large airy clusters, and in that indescribable heavenly blue so rarely seen in flowers. The throat is yellow inside, spreading softly into th eblue. Pkt 10c.

Ipomea Leari—**Blue Dawn Flower**—From Ceylon. A handsome, quick-growing perennial climber. Often flowers in bunches of a half dozen; the individual blooms are trumpet shaped, about 4 inches across, of a rich velvet blue, with five reddish purple rays. Grows about 25 feet in one season and is a most attractie climber. Pkt 10c.

Ipomea Setosa — **Brazilian Morning Glory** — Magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs, which, with its immense leaves and large cluster of curious seed capsules, render it highly ornamental. We know of nothing so good for quickly covering a piazza, arbor or tree. The flowers are of a beautiful rose color and are borne in large clusters. Pkt 10c.

Jacobea—**Senecio**—A useful and showy class of plants, of easy culture; does well in light, rich soil. Hardy annual. Purple, pink and white flowers. Fine mixed; double. Pkt 10c.

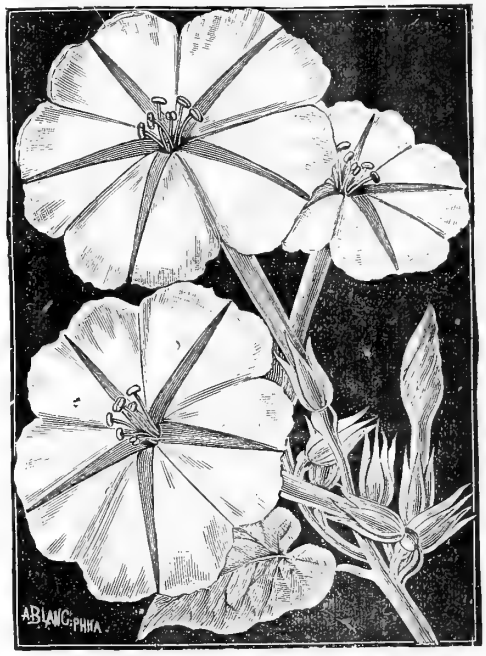
Kaulfussia — Pretty little free-flowering plants, of a neat, compact growth, exceedingly effective in beds or mixed borders. Hardy annuals. Rose, white, violet; mixed. Pkt 5c.

Lantana—These plants are rapid growers, forming small, hardy shrubs. The flowers are in Verbena-like heads, and embrace every shade of pink, purple, orange and white. Perennials. Mixed. Pkt 10c.

Lathyrus Splendens (Everlasting Pea)—Is a truly magnificent pea. It is the lovliest vine in the whole West; flowers in graceful and brilliant clusters of a deep rosy red blossom. Dr. Parry describes it as the handsomest flower in all California. Pkt 25c.

Lathyrus Lalifolius Albus (Everlasting Pea)—White. Pkt 10c

Lathyrus (Everlasting Pea)—Showy, free-flowering plants, growing in any common soil. A good climber for covering fences or wall. Hardy perennial Mixed colors. Pkt 10c.



IPOMEA BONA NOX—EVENING GLORY

LAVATERA

Lavatera Arborea Variegata The variegation of its large leaves consists of an irregular mixture of very dark green and the purest white, imparts to the whole plant a most remarkable and showy appearance. Pkt 10c.

Lavender—A genus of plants cultivated for the delicious fragrance of its flowers. They succeed in any common garden soil. Pkt 5c.

Leptosiphon — Very desirable plant for edgings, rock work and ribbon beds, combining a great profusion of bloom with variety of colors. Flowers, white, rose, lilac. Annual. Pkt 5c.

Limnanthes—An elegant and fragrant annual, very free blooming; good for beds, clumps or edgings; easy of cultivation, and growing freely in any good garden soil. Hardy annual.

Limnanthes Douglasii—Mixed. Pkt 5c.

Linum—**Flowering Flax**—One of the most effective and showy bedding plants. Hardy annual. Flowers, crimson. Pkt 5c.

Loasa — A handsome genius of rapid-growing, free-flowering climbing plants, with curious and beautiful flowers, succeeding out of doors in any light soil. Orange, scarlet and yellow. Mixed. Pkt 10c.

Lobelia—Exceedingly pretty, profuse blooming plants, of easy culture and well adapted for bedding, edging, rockeries, hanging baskets and vases. Seeds should be covered lightly.

Lobelia erinus gracilis — Light blue for baskets. Pkt 5c.

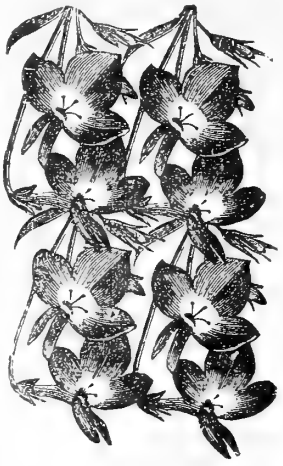
Lobelia Speciosa—Very effective variety for bedding. Pkt 5c.

Lobelia, Crystal Palace erecta compacta—A beautiful compact variety for borders. Pkt 10c.

Lobelia Cardinalis (Cardinal Flower)—Perennial. Pkt 15c.

Lobelia — Fine; mixed varieties. Pkt 5c.

Lobelia Prima-Donna — Very dwarf and compact, with rich, velvety, crimson-maroon flowers, thickly studded all over the plant, which gives it an effect that is both butiful and unique. Pkt 10c.



LOBELIA

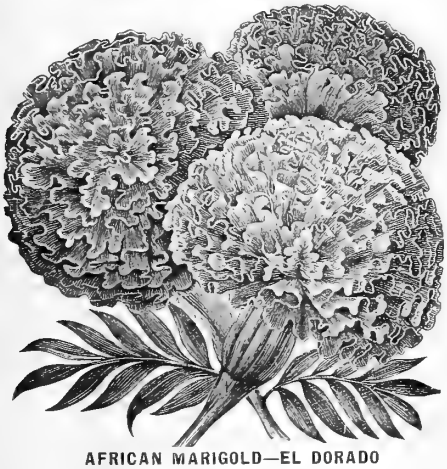
Lophospermum — Exceedingly ornamental climbing plants, with large and handsome flowers, very effective for conservatory or garden. Flowers are brilliant red. Pkt 10c.

Lupins—**Sun Dial**—A splendid genius of ornamental and free-flowering garden plants. Seed should be sown in the open ground, where they are to remain. Mixed. Pkt 5c.

Lychnis—Showy plants for borders, being free bloomers. They are finely colored and of easy culture; should be in every garden. Flowers are white and red. Pkt 5c.

Mandevilla Suaveolens—Fine summer climber, with great clusters of large, waxy star-shaped blossoms, exquisitely fragrant, resembling the single Tuberose in shape, but large. Pkt 15c.

Marguerite—See Chrysanthemums.



AFRICAN MARIGOLD—EL DORADO

Marigold — Well-known, extremely showy garden plant, with handsome, double yellow and brown flowers, of varied shades Succeeds in good garden soil. Annual. **Marigold**—African; tall. Pkt 5c.

Marigold—French; dwarf. Pkt 5c.

Marigold—El Dorado—The flowers are from 3 to 4 inches in diameter, perfectly imbricated and extremely double. The colors run through all the shades of yellow, from very light primrose to the deepest orange. Pkt 10c.

Marigold — Gold Nugget — Remember for its dwarf, dense growth and immense double flowers, which are of a peculiar shade of golden yellow, resembling gold. Pkt 10c.

Maize—Zea Variegata—Improvement on the Japanese Maize; leaves broadly striped white. One of the best variegated plants for screens, or as lawn specimens; heighth 6 to 8 feet. Pkt 10c.

Mallows — Hibiscus Hybridus —One of the most desirable perennial plants. The flowers vary in color from pure white to deep rose, and are from 6 to 8 inches in diameter. The plants average 6 feet in height, and present a mass of bloom from early in July till late in autumn. Flowers the first season from seed. Mixed. Pkt 5c.

Martynia — Handsome free-flowering plants, producing a fine effect when planted in the open border; flowers as large and handsome as Gloxonias, succeeded by curious double horned fruit. Annual. Mixed colors. Pkt 10c.

MAURANDIA

Marvel of Peru

Four O'clock—Few plants combine so much beauty, both of flowers and foliage. Seeds to be planted where the plants are to remain. Hardy annual. Mixed colors. Pkt 5c.

Maurandia—This superb climber cannot be too highly recommended either to decorate the conservatory or the flower garden. Blooms the first year from seed. Perennial. Mixed. Pkt 10c.

MIGNONETTE

(*Reseda*) — A well-known fragrant favorite. If well thinned out, the plants will be stronger and the flowers larger. Blooms throughout the season. Hardy annual.

MIGNONETTE

Mignonette—Large flowered. Pkt 5c; oz 15c.

Mignonette—Giant, pyramidal. Flowers, reddish. Pkt 5c.

Mignonette, Machet — This extremely fine variety is one of the finest Mignonettes yet sent out. The plants are of a pyramidal growth, producing very thick, stout flower stocks, throwing up numerous dark green leaves which terminate in long, broad spikes of deliciously scented red flowers. It is the best sort for pot culture. Pkt 10c.

Mignonette, Crimson Queen — A fine new variety with large spikes of dark red flowers. Fine for pot or cut flowers. Pkt 15c.

Mina Lobata —Half handy Mexican climbing annual. The buds are first of a vivid red, but turn to orange-yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height from 18 to 20 feet, and constitutes a strikingly beautiful object. Pkt 10c.

Mimulus —**Monkey Flower**—Comprises numerous varieties, white, yellow-spotted, crimson, scarlet and pink. Fine for baskets, conservetory and sheltered places in the garden. Needs cool situation and rich soil. Perennials.

Mimulus punctatus—Large, beautiful spotted blossoms Annual. Pkt 10c.

Mimulus Cardinalis—Scarlet; 1 foot. Pkt 10c.

Mimulus Tigrinus, grandiflorus—An exceedingly beautiful, new, blotched and spotted hybrid, rivaling the Calceolaria in the variety of its bright colors. Mixed. Pkt 10c.

Mimulus Moschatus (Musk Plant)—Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. Pkt 10c.

Momordica—**Balsam Apple and Pear**—Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective.

Balsimina—(Balsam Apple)—Orange fruits. Pkt 5c.

Charntia—(Balsam Pear)—Coppery scarlet colored fruits. Pkt 5c.

Myosotis—**Forget-me-not**—A charming little plant; very popular; producing beautiful, star-like flowers in great profusion. They succeed best in moist situations; will flower the first season if sown early.

Myosotis alpestris—Bright blue; 6 inches. Pkt 10c.

Myosotis alpestris alba—Pure white. Pkt 10c.

Morning Glory—See Convolvulous. See Page 40.

Mourning Bride See Scabiosa.

NASTURTIUM

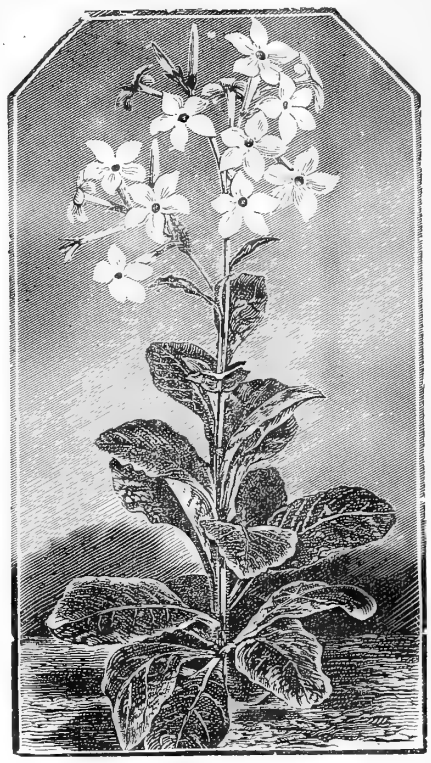
Tall or Climbing Varieties—Beautiful and luxuriant climbers, admirably adapted for rock work, trellises and arbors; of easiest culture; flowering profusely and remaining in bloom the entire season.

Crown Prince of Prussia—Blood red. Pkt 10c.
Giant of Battles—Sulphur, spotted red. Pkt 10c.
Napoleon III—Golden yellow, spotted. Pkt 10c.
Spitfire—Bright scarlet. Pkt 10c.
President Thiers—Brown and yellow. Pkt 10c.
Scarlet—Pkt 5c.
Yellow—Pkt 5c.
Orange—Pkt 5c.
Brown—Pkt 5c.
Mixed—Pkt 5c; oz 30c.

NASTURTIUM

Tom Thumb, or Dwarf—The dwarf varieties of Nasturtium are among the most useful and beautiful of annuals, for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming.

Empress of India—Purple foliage; red flowers. Pkt 10c.
Golden King—Golden yellow flowers. Pkt 10c.
Pearl—Creamy white. Pkt 10c.
King Theodore—Flowers almost black. Pkt 10c.
New Rose—New color in Nasturtiums. Pkt 10c.
Ruby King—Crimson-rose flowers. Pkt 10c.
Scarlet—Dazzling in color. Pkt 5c.
Spotted—Rich orange spotted with maroon. Pkt 5c.
Yellow—Pure; for bedding. Pkt 5c.
Best Mixed—All colors. Pkt 5c; oz 30c.



Nicotiana Colossea—One of the finest ornamental foliage plants for open air decoration during the summer months. It will attain as much as 5 to 6 feet in height in the course of a single season. The plant is furnished from the base upwards with immense dark-green leaves of great consistency, and its exceedingly robust constitution enables it to brave almost with impunity high winds. Pkt 10c.

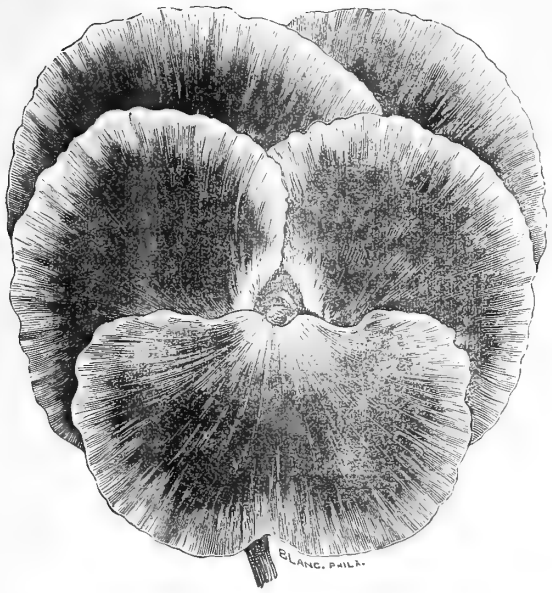
Nemophila—**Love Glove**—Splendid for beds; bright colored flowers, marked and spotted in shades of blue, white and violet.
Nemophila—Finest mixed. Pkt 5c.

Nigella—**Love-in-a-Mist, or Devil-in-a-Bush**—A very interesting, free-flowering plant, with curious-looking flowers and seed-pods; grows free in any garden soil. Flowers blue and white. Annuals.
Nigella—Mixed. Pkt 5c.

Nolana—A beautiful species of free-growing trailing plants; fine for rock work, hanging baskets, old stumps, etc.; needs light soil. Flowers blue, violet, white, yellow. Annuals.
Nolana—Mixed. Pkt 10c.

Oxalis—A very attractive and beautiful plant, with richly colored flowers and dark foliage; Suitable for the house, conservatory, rock work and baskets. Half-hardy perennials.
Oxalis rosea—Rose-colored flowers. Pkt 10c.

Œnothera—**Evening Primrose**—A fine, free-flowering and useful class of plants for beds, borders or rock work. Succeeds in any good garden soil. Fine mixed varieties. Pkt 10c.



COX'S PRIZE STRAIN

PANSY

Cox's Prize Strain—The seed we offer we have grown for us by a noted grower in Belgium, being seed from exhibition flowers, including almost every shade of color, exquisitely spotted and blotched, veined, mottled and margined, and fancy varieties, a strain so beautiful that no description or praise can do it justice, being unsurpassed for rich and varied colors. Packets of 500 seeds at 50c.

Cassier's Giant Odier—This is one of the most remarkable strains of Pansies ever offered; the flowers are of immense size, often three inches and over in diameter, with the dark, deep, rich velvety blotches. Pkt 25c.

Bugnot's—This new French variety created a great furore among all Pansy growers. It is said to be, without question, the most striking variety ever raised. Immensely large, of the Giant Odier type, while the surface is covered with fine hair-like lines. Pkt 25c.

Giant Trimardeau—An altogether distinct and beautiful new class of Pansy, the flowers being of very large size; some have measured four inches in diameter. The plants produce beautiful shades of colors that are found in other classes of Pansies. Pkt 25c.

Giant Yellow Trimardeau—One of the finest and showiest. A beautifnl clear yellow, heavily blotched on the three lower petals. Pkt 25c.

English—Choice mixed. Pkt 15c.

New Fancy—Of the finest European collection. Pkt 25c.

Odier or Blotched—Superb, large-eyed flowers of very good shape and beautifully blotched with rich and varied colors. Pkt 25c; ¼ oz $1.50.

Prince Bismarck—Remarkably beautiful; shades of brown and golden bronze, marbled. Pkt 10c.

Snow Queen or Snowflake—Flowers of delicate, pure, satiny-white. Pkt 10c; ¼ oz 50c.

King of the Blacks or Faust—Flowers intensely dark, almost coal-black. Pkt 10c; ¼ oz 50c.

Lord Beaconsfield—New, large flowers of deep purple-violet, shading off in the top petals to a white hue; highly effective. Pkt 10c; ¼ oz 50c

Emperor William—Flowers of a splendid ultra-marine blue, with a purple-violet eye. Pkt 10c.

Fire Dragon—Very Brilliant. Pkt 10c.

Fire King—Pkt 10c.

Violet, Margined with White—Very beautiful. Pkt. 10c.

Striped and Mottled Varieties—Very fine and exceedingly beautiful. Pkt 10c; ¼ oz 50c.

Dark Purple—Rich, deep color. Pkt 10c; ¼ oz 50c.

Azure Blue—Very fine. Pkt 10c; ¼ oz 50c.

Deep Indigo-Blue—Very dark. Pkt 10c.

Bronze-colored—Pkt 10c.

Gold-Margined—Pkt 10c.

Yellow, Black Centre—Splendid. Pkt 10c.

Yellow Gem—Without eye; very fine. Pkt 10c.

Pure Yellow—Large, golden flowers. Pkt 10c.

Pure White—Pkt 10c.

Large Flowering—Very fine, mixed. Pkt 10c; ¼ oz $1.25; ½ oz $2.00; oz $3.50.

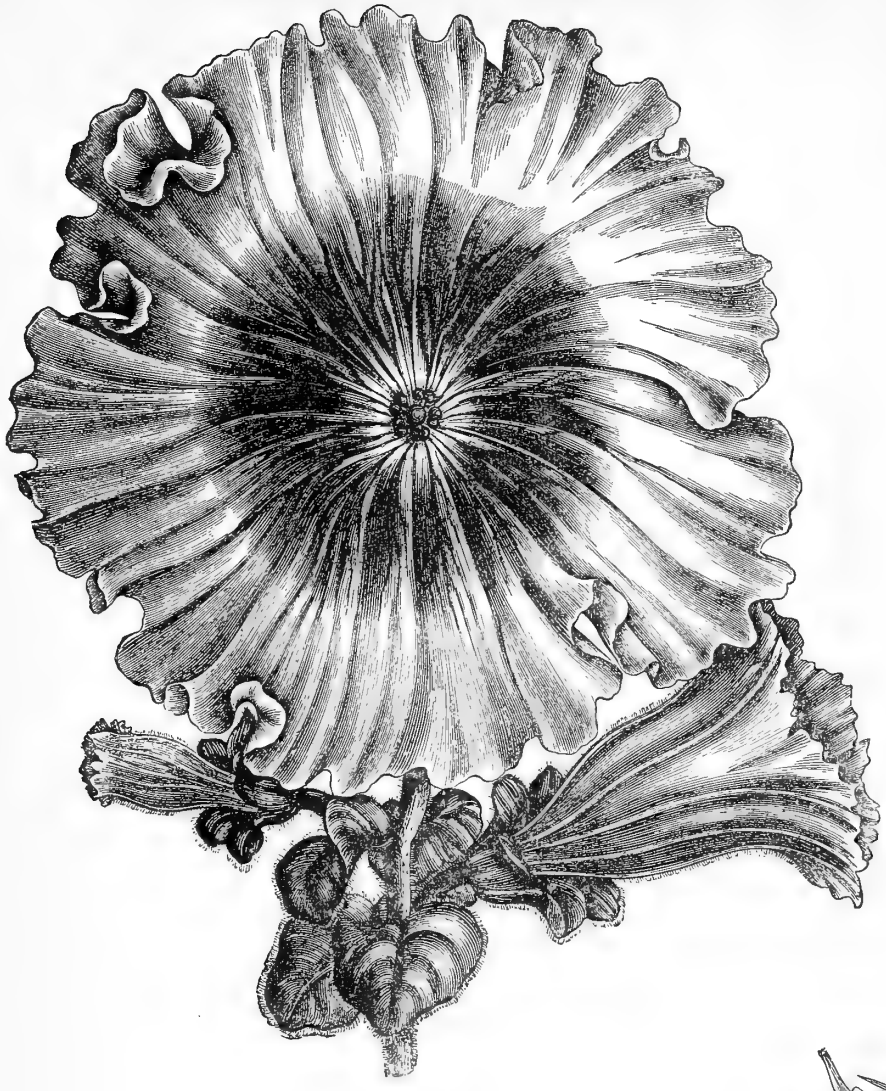
Good Quality—Mixed. Pkt 5c; ¼ oz 40c; ½ oz 75c; oz $1.50.

Penstemon—Plants of a highly ornamental character, remarkable for the beauty and abundance of their blossoms. Perennials.

Penstemon—Fine. Mixed; yellow, scarlet. Pkt 10c.

Passiflora Edulis—The Granadilla (Spanish, *Passionaria or Granadilla*).—A beautiful climbing herbaceous plant with shining lobe leaves. Very quick growing, bearing fruit in the second year. "The Passion flowers were so named by the early Roman Catholic missionaries to South America, who found in them symbols of the Crucifixion—the crown of thorns in the fringes of the flower, nails in the styles with their capitate hinges; hammers to drive them in the stamens, cords in the tendrils." The Granadilla fruit is as large as a goose-egg, and of a purplish color. Petals of the flower, white; crown, whitish, with a blue or violet base. Pkt 15c.

Passiflora or Passion Flower—Magnificent, ornamental climbers, with remarkably handsome blue and white flowers; very fine for conservatories and gardens. Pkt 10c.



GIANTS OF CALIFORNIA

PETUNIA

Giants of California—This new strain of single Petunia is remarkable in many respects. The flowers are extremely deep-throated and very large, some of them measuring 5 inches in diameter. The colors are varied, many of them intense, and some of them in combination quite new in Petunia; some specimens are exquisitely penciled, and others are self-colored and beautifully fringed. Pkt 25c.

Hybrida Grandiflora—Large flowering, single; mixed. Pkt 10c

Mixed—Single. Pkt 5c.

Double Large Flowering—(Mixed)—A magnificent strain, with flowers 3 to 4 inches across, very double and of the most beautiful shades of crimson, white, rose, maroon; blotched, striped, veined, bordered, marked, fringed, etc. Pkt 25c.

Perilla—Ornamental foliage plant for garden decoration; leaves are mulberry or blackish purple; useful for ribbons or borders. Half-hardy annual. Pkt 5c.

Phaseolus Caracalla—A beautiful climber: may be grown outside in summer and in the green-house in winter. Valued by florists for their delicious fragrance and their resemblance to orchids; bluish-white flowers. Light, rather rich loam. Pkt 10c.

Portulaca—Beautiful and popular hardy annuals, of the easiest culture, doing well in a sunny position and blooming profusely throughout the season.

Portulaca—Single; large flowering; mixed. Pkt 5c.

Portulaca — Double; large flowering; mixed. Pkt 10c.

Polyanthus—Early blooming dwarf plant for spring flower beds, borders or pot culture; colors, yellow, maroon, crimson, etc.; beautifully veined, laced or blotched.

Polyanthus—Mixed. Pkt 10c.

Pyrethrum—Flowering Sorts—Valuable varieties for cut flowers, with stems 2 feet high, and very numerous, each surmounted with handsome flowers in bright colors, remaining a long time in bloom. *Hardy perennial.*

Pryethrum Atrosanguineum — Fine, deep red. Pet 10c.

Pyrethrum Double Hybrids— (Finest Mixed)—Large, double flowors of choicest colors. Pkt 15c.

Pyrethrum Single Hydrids— (Finest Mixed)—Large, single flowers of choicest colors. Pkt 10c.

PHLOX DRUMMONDII CASPIDATA

Phlox Drummondii—Cuspidata ("Star of Quadlinburgh")—This new variety is quite an extraordinary character. The size of the flower is about the same, but the pointed center teeth of the petals (five in number) are five to six times as long as the latteral ones and project like little spines. Thus the flowers appear to have a splendid, regular star-like form, with broad white margins; fine for bouquets, pots or open ground. Pkt 10c.

Phlox Drummondii — **Fimbriata** — This variety has proved very hardy; fine for open ground or pot-culture and cut flowers. The petals of this variety are fringed, partly three-toothed, bordered with white, which, with the bright eye of the center, contrast with the velvety colors, consisting of more than twenty colors. Pkt 10c.

Phlox Drummondii Grandiflora—For a brilliant mass of colors and a constant display is not excelled by any other plant. The colors range from white to the deepest shades of purple and crimson. Seed may be sown in the ground or started in a hot-bed. Half-hardy annuals.

Phlox Drummondii Grandiflora—Choice, mixed. Pkt 10c.

Phlox Drummondii—Perennial; finest hybrid. Mixed. Pkt 10c.

Pinks—A highly valued and well-known plant of easy culture and of great beauty, doing well either in the garden or green-house. Choice varieties; mixed. Pkt 10c.

Picotee—Equally suited for indoor and out-door culture, flowering freely, and having a delicious fragrance. Flowers all of one color, white or yellow; each petal, however, is bordered with purple, red or rose. Perennial.

Picotee, Pink—Choice European varieties, mixed. Pkt 50c.

POPPY

A genus of showy, free-flowering plants, producing a rich and effective display in large, mixed borders. Hardy annuals.

Carnation-Flowered—Double, mixed. Pkt 5c.

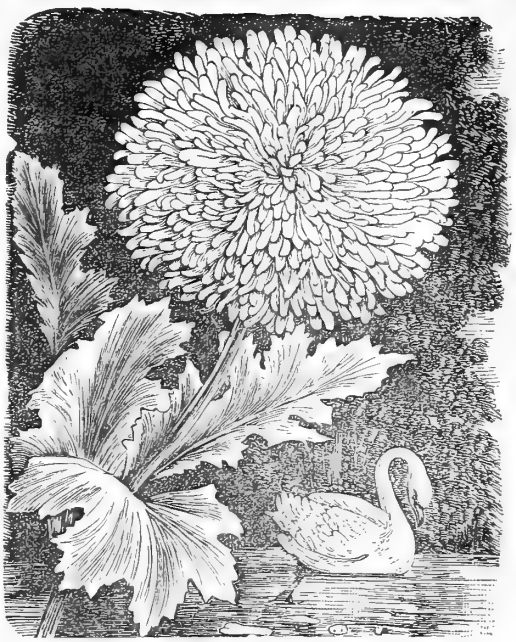
Pæony-Flowered—Double, mixed. Pkt 5c.

Umbrosum—Flowers are a rich vermilion with a shining black spot on each petal. Pkt 10c.

Bracteatum—Very large, orange-scarlet flowers, averaging 5 inches in diameter. Pkt 10c.

Mephisto—Scarlet, with black spots. Pkt 10c.

"Danebrog," or Maltese Cross—This is striking and beautiful among the hardy annual Poppies. The flowers are of a dazzling scarlet color, each of the four petals is marked with a large silvery white blotch, forming a white cross upon scarlet ground, similar to the Danish and Swiss national banner. Pkt 10c.



Snow Drift, or White Swan—A variety of dwarf, stout habit; flowers large, very double and as round as a ball; pure white. Pkt 10c.

Crimson King—Brilliant, crimson flowers, perfectly double, round as a ball. Pkt 10c.

Peacock—Habit, dwarf; flowers, brilliant scarlet, nearly four inches in diameter, with conspicuous glossy black zone which meets the petals near the base, forming a complete ring equally apparent on both surfaces; a single plant often produces a hundred blossoms. Pkt 10c.

THE SHIRLEY

The Shirley—A very beautiful selection of the Ranunculus-flowered Poppy, the range of colors extending from pure white through the most delicate shades of pale pink, rose and carmine to crimson; whilst to add to the effect many are most delicately edged, the deepest shaded and striped. The form is most beautiful, being semi-double, rendering it a very valuable flower for table and general decoration, as the blooms, when cut young, will stand for several days without drooping. Pkt 10c.

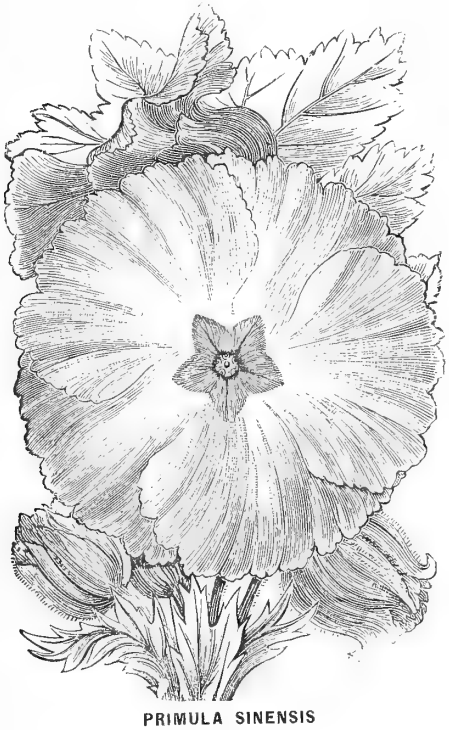
Tulip—Papaver glaucum—This splendid decorative annual is a native of Armenia, whence it was recently introduced. The plant grows from 12 to 14 inches high, and produces from fifty to sixty large flowers; color, the most vivid scarlet. The intensity and brilliancy of the color reminds one of the well-known Scarlet Duc Van Thol Tulip, hence the appropriateness of the popular name "Tulip Poppy." It is specially suited for the formation of brilliant masses of color, or for imparting brightness to more somber plants. Pkt 10c.

Iceland—These Poppies range in color from the purest satiny-white and yellow to the deepest glowing orange-scarlet, and have a delicious lilic-like fragrance, the flowers being produced in never ceasing succession from the beginning of June to October. Not only are these Poppies attractive in the garden, but for elegance in a cut state they are simply unsurpassed, lasting quite a week if cut directly they are open. Mixed. Pkt 10c.

The Queen—Pæony-flowered. The most charming and stately Poppy; the flowers are extremely large (18 inches in circumference), with deeply fringed petals; crimson, white edged. Pkt 10c.

Japanese Pompon—Charming dwarf Poppies of the richest colors; double, mixed. Pkt 10c.

Lævigatum—Very showy annual Poppy from Persia, with fine shaped, large flowers, four inches in diameter, of a brilliant deep scarlet, with black spots surrounded with a white margin at the base of each petal. Pkt 10c.



PRIMULA SINENSIS

PRIMULA

Chinese Primrose—One of the finest winter blooming plants; the single varieties blooming more freely than the double; fine for a window plant or the green-house. Succeeds best in a sandy loam and leaf mould. Perennial.

Primula Alba Magnifica—Pure white, with a large, bright yellow eye, each petal being deeply and beautifully fringed; they are borne in large trusses well above the foliage. Pkt 25c.

Primula Rubra—A remarkably fine plant of extremely robust habit, bearing flowers of exceedingly beautiful crimson shade. Pkt 25c.

Primilua sinensis fimbriata—Fringed, single, mixed. Pkt 25c.

Primilua sinensis fimbriata—Fringed, double, mixed. Pkt 50c.

Primula Obconica—A lovely perpetual blooming Primrose, admirably adapted to growing in the conservatory of the house. The flowers are profusely borne in trusses on long stems, and are of a delicate rosy lilac and pure white, thus making it an excellent cut flower. Pkt 25c.

Primula Vulgaris—English Primrose—The old favorite common yellow Primrose, now so popular and fashionable in England, and celebrated as "Beaconfield's Flower." Pkt 10c.

Rhodanthe—This is one of the handsomest annuals ever introduced, valuable alike for the decoration of the conservatory and garden; they are among the prettiest everlasting flowers for winter bouquets. Succeeds best in light rich soil. Mixed flowers. Pkt 10c.

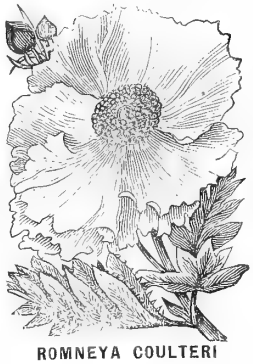
Rhododendron—Well-known and magnificent free-flowering evergreen shrubs, which should occupy a prominent place in every garden. Mixed. Pkt 25c.

Ricinus—Known as "Castor Oil Plant" and "Palma Cristi," a rapid growing foliage plant with large palm-like leaves; much used for sub-tropical effects on the lawn, or for center of beds of foliage plants. Pkt 5c.

Rocket—Hesperis—Very pleasing; early spring; profuse blooming plants, with very fragrant flowers; easily raised; grows freely in any soil. Mixed. Pkt 5c.

Romneya Coulteri—The Great White California Poppy

This fine perennial is of a supreme and stately beauty; as an out-door plant it may well be considered one of the best for yielding a long succession of bloom, flowering as it does from July until November. It is of value as a cut flower, lasting well in water, and its delicate Primrose-like perfume is most acceptable in a room. The texture of the petals are extremely delicate indeed, half transparent; they never loose the crumpled folds that in the case of most Poppies betoken in a newly opened state. The flowers are very large, 4 to 5 inches across, pure white, with a fine bunch of yellow stamens resembling large, white, single Pæonies. Pkt. 15c.



ROMNEYA COULTERI

Saponaria—Bouncing Bet—Charming annual of neat, dwarf habit; pretty star-shaped, rose-colored flowers; free-flowering and excellent for beds. Pkt 5c.

Salpiglossis—Painted Tube Tongue—This large-flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced; choice mixed. Pkt 10c.

SALPIGLOSSIS

Salvia—Flowering Sage—Fine bedding plants, with gorgeous spikes of scarlet. Seed planted in March will flower in July. Hardy perennial. Pkt 10c.

Schizanthus—A splendid class of plants, combining elegance of growth and profusion of beautiful flowers; valuable for the garden and greenhouse. White, purple, yellow and crimson. Hardy annual. Finest mixed. Pkt 5c.

Sensitive Plant—A curious annual plant, the leaves closing if touched or shaken. Should be raised under glass, and not transplanted to the open ground until the weather is warm, or kept in the conservatory. Pkt 5c.

Smilax—There is no climber in cultivation which surpasses this in graceful beauty of its foliage and orange fragrance of its flowers; can be used either to droop or climb. Unsurpassed for light wreaths and floral decorations; easily raised for seed. Greenhouse climber. Pkt 10c.

SWEET PEAS

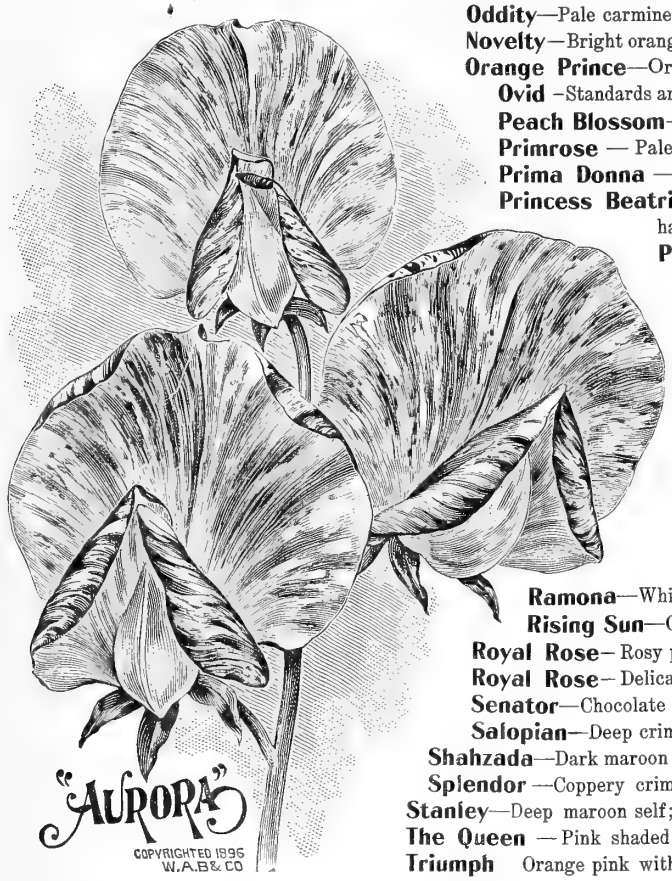
	Per oz	Per ¼-lb	Per ½-lb	Per lb
Cox's California Mixed—Comprising the finest new and choice large-flowering varieties	$0 15	$0 30	$0 50	$1 00
Eckford's Mixed—Composed of Eckford varieties only	10	25	30	60
Standard Mixed—Fair quality	10	15	25	35

Five Cent Packets may be had of all Sweet Peas except those otherwise marked.

	Per oz	Per ¼-lb	Per lb
Alba magnifica—Pure white, very large flower	$0 10	$0 20	$0 50
America—White, veined with scarlet	10	20	50

Apple Blossom—Bright pink and blush, beautifully shaded	10	20	50
Aurora—White, striped with orange	10	20	50
Blanche Burpee—A superb, new, pure white, of immense size	10	20	50
Blanche Ferry—Large pink and white flowers; very early; free flowering	10	20	50
Blushing Beauty—Soft pink, suffused with lilac; extra large	10	20	50
Boreatton—Crimson-purple; very dark large flowers	10	20	50
Butterfly—Pale gray with distinct porcelain edge	10	20	50
Captain of the Blues—Bright purple and pale blue	10	20	50
Cardinal—Crimson scarlet	10	20	50
Coquette—Primrose, suffused with rose. **Pkt 10c.**			
Countess of Powis—Orange and purple. **Pkt 10c.**			
Countess of Shrewsberry—Pink, suffused with purple. **Pkt 10c.**			
Countess of Radnor—Standard's delicate lavender; wings dark mauve; lovely	10	20	50
Crown Jewell—Violet rose. **Pkt 10c.**			
Cupid, New Dwarf—White	15	30	1 00
Cupid, New Dwarf—Pink. **Pkt 15c.**			
Dorothy Tennant—Standards rosy mauve; wings bluish mauve	10	20	50
Duchess of Edinburgh—Scarlet, flushed with crimson	10	20	50
Duchess of York—White suffused with delicate pink and purple	10	20	50
Duke of York—Bright rosy pink with tint of primrose	10	20	50
Duke of Clarence—Rosy claret; self-colored flower; extra large	10	20	50
Emily Henderson—Splendid pure white; good for forcing	10	20	50
Emily Lynch—Rich, creamy rose, primrose tinted wings. **Pkt 15c.**			
Empress of India—Rosy pink standards; white wings	10	20	50
Fairy Queen—White, flushed and feathered with pink	10	20	50
Firefly—Standards fiery scarlet; wings crimson scarlet	15	30	1 00
Gaity—Standards white, striped rosy lilac; wings blush	10	20	50
Gray Friar—Gray variegated	10	20	50
Her Majesty—Beautiful soft rosy pink; very large flowers	10	25	75
Ignea—Fiery crimson scarlet, slightly flushed with purple	10	20	50
Indigo King—Maroon-purple standards; indigo blue wings	10	20	50
Isa Eckford—Creamy white and rosy pink	10	20	50
Juanita—White striped with lavender	10	20	50
Katherine Tracy—Brilliant pink	10	20	50
Lada Nina Balfour—Delicate mauve. **Pkt 10c.**			
Lady Beaconsfield—Salmon tinted rose; wings pale yellow	10	20	50
Lady Penzance—Beautiful pale, but very bright rose	10	20	50
Lemon Queen—Blush pink and lemon; very beautiful	10	20	50
Lottie Eckford—Rose and white, edged with blue	10	20	50
Lovely—Dark pink with rose wings. **Pkt 10c.**			
Mars—Bright fiery crimson. **Pkt 10c.**			
Meteor—Bright orange salmon, wings delicate pink	10	20	50
Miss Hunt—Carmine-salmon and soft pink	10	20	50
Monarch—Bronze crimson and blue; superb flowers	10	20	50

	Per oz	Per ¼lb	Per lb
Mrs. Eckford—White, delicately shaded with primrose	$0 10	$0 20	$0 50
Mrs. Gladstone—Delicate soft pink, with rosy blush wings	10	20	50
Mrs. Joseph Chamberlain—White, striped with bright rose	10	20	50
Mrs. Sankey—Very large; pure white; of most perfect form	10	20	50
New Countess—Improved Countess of Randor. **Pkt 10c.**			
Oddity—Pale carmine edged with bright rose	10	20	50
Novelty—Bright orange rose	10	20	50
Orange Prince—Orange pink, flushed with scarlet	10	20	50
Ovid—Standards and wings rosy pink, marginedrose	10	20	50
Peach Blossom—Salmon pink standards; wings soft pink	15	30	1 00
Primrose—Pale primrose yellow, novel and distinct	10	25	75
Prima Donna—Soft Pink. **Pkt 10c.**			
Princess Beatrice—Delicate blue pink, marked with deeper hades	15	30	1 00
Princess Louise—Rosy pink standards; wings deep lilac	15	30	1 00
Princess May—Pale lavender; most beautiful new variety	15	30	1 00
Princess of Wales—White, striped lavender and mauve	10	20	50
Prince Edward of York—Scarlet with rose wings. **Pkt 10c.**			
Purple Prince—Maroon, shaded with Bronze purple; wings blue	10	25	75
Queen Victoria—Yellow shaded with purple. **Pkt 10c.**			
Ramona—White striped with pink	10	20	50
Rising Sun—Orange, blotched with carmine; wings blush white	15	30	1 00
Royal Rose—Rosy pink with light pink wings	10	20	50
Royal Rose—Delicate pink standards; wings soft plush pink	15	30	1 00
Senator—Chocolate and creamy-white, mottled and blotched	15	30	1 00
Salopian—Deep crimson. **Pkt 10c.**			
Shahzada—Dark maroon and purple. **Pk 10c.**			
Splendor—Coppery crimson, suffused with rosy pink; very rich	10	20	50
Stanley—Deep maroon self; large and of finest form	15	30	1 00
The Queen—Pink shaded with heliotrope	10	20	50
Triumph Orange pink with white wings. **Pkt 10c.**			
Venus—Salmon-buff; standards delicately shaded with rosy pink	10	25	75
Waverly—Pale blue and rosy claret	10	20	50



Sweet Peas—**New American Seedlings**—Without exception this is the finest mixture of Sweet Peas ever offered. Among the shades and colors distributed quite evenly is one of an almost true orange, another of lemon blush, while others are of pure cream, lemon, lemon tinted with blush, orange-red, salmon-buff, also salmon-buff with pink edge, blue-edged, light lavendar, and all shades of pink from very light (nearly white) to the richest deep rose color. Pkt 10c; oz 15c; ¼ lb 50c; lb $1.50.

Scabiosa—**Mourning Bride, or Sweet Scabious**—A beautiful border plant, producing a great profusion of flowers in various shades of carmine, purple and white. Easy to raise in any good garden soil.

Scabiosa—Tall; mixed. Pkt 5c. Dwarf; mixed. Pkt 5c.

Sedum—**Stonecrop**—A very pretty and useful little plant, growing freely on rock or rustic work, hanging baskets, etc. During the summer they expand their brilliant star-shaped flowers in profusion. Mixed colors and varieties. Hardy perennial; 3 inches. Mixed. Pkt 10c.

Solanum—**Jerusalem Cherry**—Very ornamental plant for house or garden culture the flowers being followed with small, brightly-colored fruit or berries, which almost completely cover the plants. Perennial; flowering and fruiting the first season from seed. Pkt 10c.

Silene—**Catch Fly**—Ornamental genus of free-flowering plants, well adapted for spring and summer, blooming in beds, rockwork, etc. Purple, white, pink and lilac. Hardy perennial.

Silene—Choice colors; mixed. Pkt 5c.

Silene (*Pendula compacta*)—Plant dwarf and compact, covered with bright pink flowers. Fine for borders. Pkt 10c.

Snapdragon—See Antirrhinum.

Stevia—Splendid free-flowering perennials, extensively used by florists for cut flowers. Splendid for pot or border culture. White. Pkt 10c.

GIANT PERFECTION STOCKS

STOCKS

The Ten Weeks Stock, or "Stock Gilly," or "Gillyflower," as they are sometimes called, stand pre-eminent among annuals for either flower-beds, pot culture, cut flowers, and delicious spicy perfume; they have been greatly improved in the past few years, and a *large flowering strain* has been originated, which for size, doubleness and variety of exquisite shades of color is remarkable.

Giant Perfection (Ten Weeks)—Magnificent spikes of bloom, with immense double flowers; mixed. Pkt 10c; white 10c.

Intermediate—The intermediate Stocks are valuable on account of their flowering late in the fall, also as pot-plants for early spring blooming. If the Intermediate Stocks are sown at the same time as the Ten Week they will succeed them in bloom. Choice mixed. Pkt 10c.

Large Flowered German Dwarf (Ten Weeks)—Exquisite colors; mixed. Pkt 10c; white 10c.

Princess Alice (*Cut and Come Again*)—This grows about 2 feet high. If sown early it produces from spring to late in the fall. Pure white, beautifully shaped double flowers. It makes a splendid stock for cutting, and is quite fragrant; succeeds well in pots. Pkt 10c.

Pyramidal—A beautiful sort, cone-shaped habit. Mixed. Pkt 10c.

Very Dwarf Snowflake—A beautiful small-growing variety, with vigorous main spike and numerous side shoots of very large, double, snow-white flowers; very early. Pkt 10c.

Wall-flower-leaved—Early and excellent for forcing. Finest mixed. Pkt 10c.

Brompton, or Winter—Bushy plants producing a beautiful display of double flowers; 2 feet. Mixed. Pkt 10c.

Emperor—The Emperor, or perpetual flower, may be treated in the same manner as the Intermediate Stock. They frequently last several years if protected from the frost. Finest mixed. Pkt 10c.

Statice—Should be extensively cultivated on account of its exceedingly interesting blossoms. Flowers are fine for cut flowers, and, when dried, for winter bouquets. Sow in sand or in loam in the house, and transplant into the garden. Hardy perennial. Choice, mixed. Pkt 10c.

Sweet William—Hardy plants of extreme richness and variety of color, and also deliciously sweet scented; for clumps or borders no plant can surpass this old favorite, which is greatly improved now, both in size and colors.

Sweet William—Fine, mixed; single. Pkt 5c.

Sweet William—Mixed; double. Pkt 10c.

Sweet Sultan—Sweet-scented, profuse flowering plants, very effective in mixed or shrubbery borders; grows freely in rich soil. Hardy annuals.

Sweet Sultan—Mixed. Purple, white, yellow. Pkt 10c.

Tacsonia Buchanani—A beautiful perennial climbing plant, having very large pink flowers. Pkt 15c.

Tacsonia Van Volxemi—A beautiful climber, flowers the whole year; the flowers individually are about 5 inches in diameter, and of the richest scarlet. Pkt 15c.

Tagetes—A beautiful delicate fern-leaved plant, forming a compact globular bush, and covered with bright yellow blossoms with a reddish-brown stripe through the center of each petal; a species of Marigold. Annual.

Tagetes signata pumila—Pkt 10c.

Tecoma—Stans—Known as Yellow Elder. In the fall a "glory of yellow flowers;" very quick growing; delights in high well-drained land; plants frequently make a growth of 8 to 10 feet the first year. Valuable as screens for unsightly fences, buildings, etc.; one of the most valuable flowering shrubs. Pkt 15c.

Thunbergia—Black-eyed Susan—Beautiful rapid growing climbers, thriving in a light, rich, loamy soil, in warm situations in the garden; the flowers are pretty, and are borne profusely during the season, fine for vases, rustic-work or green-house culture. Annuals. Pkt 10c.

Torenia—A very fine annual, with large sky-blue blossoms, with three large spots of dark indigo blue and a yellow stain in the center. Splendid plant for vases, hanging baskets, the green-house or for growing out of doors; they are covered until late in the season with one mass of bloom.

Torenia Fourneri—Pkt 10c.

Tropoleum — Beautiful and easily cultivated climber; well adapted for conservatory or for trellises, verandas and rustic work out of doors. Half-hardy annual.

Tropoleum peregrinum (Canary Bird Flower) – Pkt 10c.

Tropoleum lobblanum—Mixed. Pkt 5c.

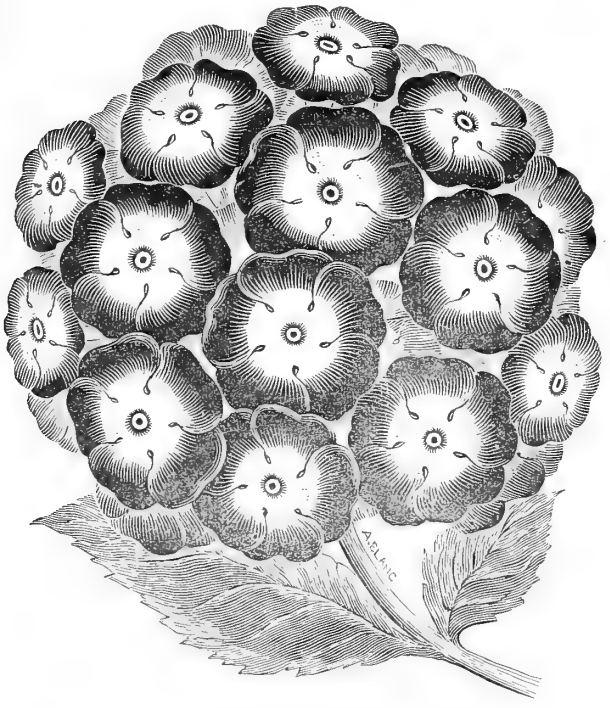
Valerian—Showy plant for mixed borders or shrubberies; bearing large corymbs of bright flowers; bears shade and moisture well; hardy perennial. Flowers bright red and white.

Valerian—All colors; mixed. Pkt 5c.

Venus' Looking Glass—A very pretty hardy annual, succeeding well in any soil; grows about a foot high and is useful for borders and edging; flowers are blue and white; mixed Pkt 5c.

VERBENA

No flower equals the Verbena as a bedding plant. The flowers are almost every shade and color, blooming freely the first year from seed. Sow the seed under glass early in the spring and transplant where they are to remain when they are 4 inches high.



COX'S MAMMOTH VERBENA

Cox's Mammoth Verbena—The flowers are very large, of brilliant colors and have large distinct eyes. We consider the Mammoth Verbena one of the very best new things offered for many years. In coloring they excel the old varieties, are of vigorous habit and free-blooming, and are the most attractive of the class Mixed. Pkt 15c; 2 pkts 25c; ¼ oz $1.00

Verbena Hybrida – Scarlet, blue, purple. Italian striped, white, large flowered. Each color separate. Pkt 10c.

Verbena—Fine mixed. Pkt 10c.

Verbena, Candidissima A decided improvement, producing large trusses of the purest white flowers, invaluable for florists. Pkt 15c.

Verbena, Auricula-Flowered — Saved from the finest sorts, with large, white eyes. Pkt 10c.

Lemon Verbena—**Aloysia Citriodora**—Very desirable for the garden or as a pot-plant, with a very fine perfume and graceful habit. Is easily grown from seed and there is nothing more desirable than its fragrant lemon-scented foliage for making up bouquets. Pkt 10c.

Veronica — Very ornamental plants for garden or pot culture; it makes an extremely pretty edging for small beds, etc.; annual; flowers blue and white. Pkt 10c.

Vinca—**Madagascar Periwinkle**– A genus of beautiful shrubs. Sown early in heat and transplanted to a warm situation in the garden, about May or June, they will flower beautifully in the autumn. Flowers, red and white. Mixed. Pkt 10c.

Violet—**Viola odorata**—A well-known favorite, much admired for the delicate fragrance of its flowers and its profusion of bloom; suitable for edgings and borders, doing best in a cool, sheltered situation. Hardy perennial. Sweet-scented, blue. Pkt 10c.

Viola alba odorata—Sweet-scented, white. Pkt 10c.

The Czar—Light violet; very large. Pkt 10c.

Viola Cornuta—Fine plant for bedding, is campact in growth. Flowers are produced in so much profusion as to almost cover the plant, and are in bloom from early spring till late in autumn.

Viola cornuta alba – Pure white flowers. Pkt 10c.

Viola cornuta admiration (Magnificent)— Beautiful dark blue. Pkt 15c.

Virginia Stock—Extremely beautiful, free-flowering little plants, for beds, baskets or edging, growing freely in any soil. Flowers are red and white; hardy annual; mixed. Pkt 5c.

Viscaria — **Rose of Heaven** — Pretty, profuse-flowering plant, adapted for beds, edgings or clumps, growing readily in any garden soil. Flowers, pink and white. Annual. Pkt 10c.

Wall Flower—A well-known plant, with spikes of delicious fragrant double and single flowers, combining many shades of yellow, brow, chocolate and orange-purple. Easily raised from seed; suitable for a background and among shrubbery.

Wallflower—Mixed; single. Pkt 5c.

Wallflower—Mixed; double, German. Pkt 10c.

Whitlavia – Charming hardy annual, with delicate foliage and clusters of beautiful blue and white bell-shaped flowers, fine for ribboning mixed borders or shady spots, growing freely in any garden soil, also good for baskets, vases, etc. Large flowered; mixed. Pkt 10c.

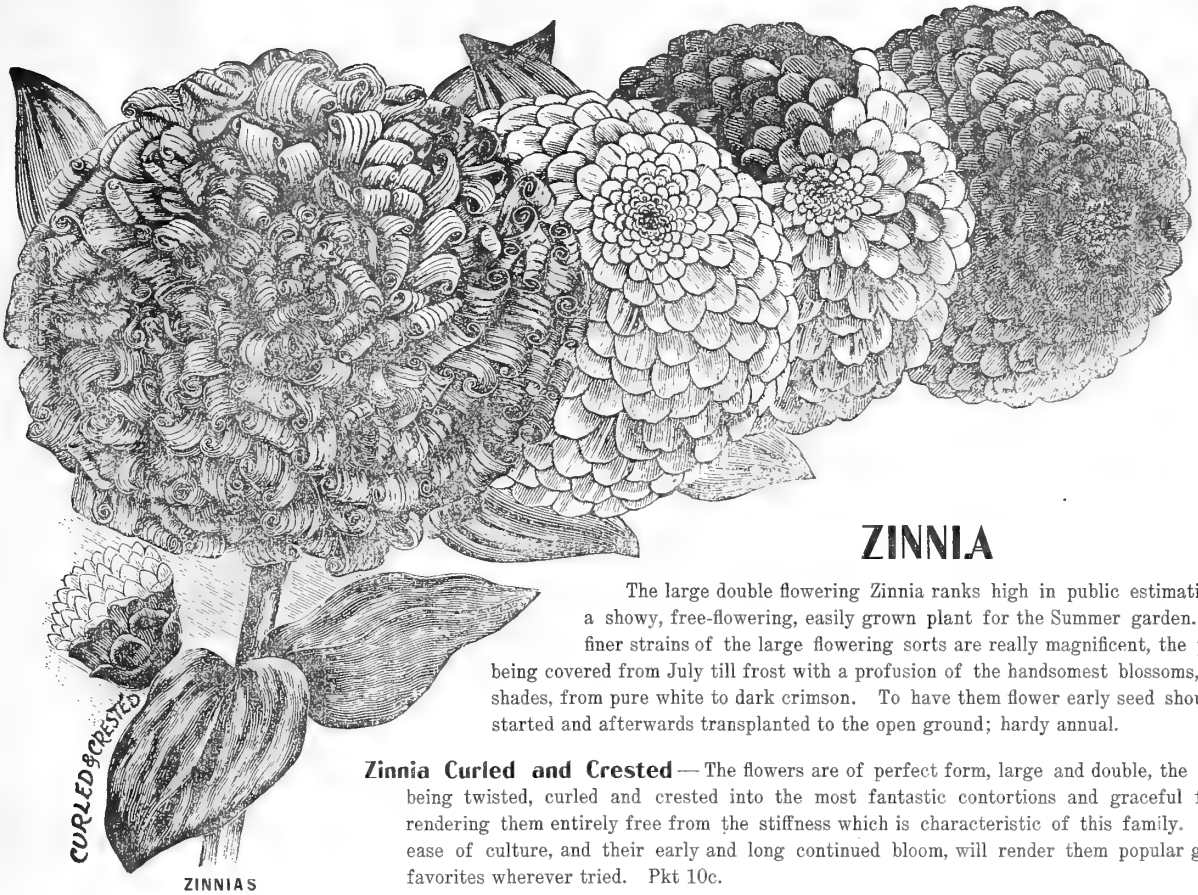
Wigandia—A grand and stately ornamental plant, with beautiful large leaves 3 feet long and 1½ feet wide, imparting a sub-tropical effect to the garden; perennial. Pkt 15c.

Wistaria – This is one of the most popular of our hardy vines, growing rapidly to a height of 50 feet or more, and when in bloom is truly magnificent, bearing long, pendulous clusters of blue and white flowers.

Wistaria Sinensis—(Chinese Wistaria)– Pkt 15c.

Xeranthemum – Very desirable for Winter decoration; of neat, compact habit, free-flowering, and of the easiest cultivation. The leaves are covered with a silvery down and the flowers are pure white deep purple and yellow; an easy grown hardy annual. Pkt 5c.

Yucca—(Adam's Needle)– A splendid plant with large clusters of creamy-white tulip-like flowers on long stems. Hardy perennials; three feet. Fine mixed. Pkt 10c.



ZINNIAS

ZINNIA

The large double flowering Zinnia ranks high in public estimation as a showy, free-flowering, easily grown plant for the Summer garden. The finer strains of the large flowering sorts are really magnificent, the plants being covered from July till frost with a profusion of the handsomest blossoms, in all shades, from pure white to dark crimson. To have them flower early seed should be started and afterwards transplanted to the open ground; hardy annual.

Zinnia Curled and Crested—The flowers are of perfect form, large and double, the petals being twisted, curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which is characteristic of this family. Their ease of culture, and their early and long continued bloom, will render them popular garden favorites wherever tried. Pkt 10c.

Zinnia—Double; carmine, purple crimson, orange, lilac, deep scarlet, pure white. Mixed. Pkt 10c.

Zinnia Elegans Tom Thumb (Benary)—An elegant new dwarf variety; they form charming, compact, free-flowering, pigma bushes, all colors, mixed. Pkt 15c.

Zinnia Elegans Robusta Grandiflora Plenissima—The beautiful form and rich character of the flower as contrasted with other double Zinnias is well known. It forms a splendid bush about three feet high, covered with enormous flowers. Pkt 15c.

Zebra Zinnias—The flowers of this selection are perfect in shape, of all colors and shades, such as orange, crimson, pink, yellow, violet, rose, scarlet, white, beautifully striped, spotted with different shades, hardly any two plants producing flowers alike; they are very beautiful and should be grown in every flower garden. Pkt 10c.

Musa Ensete (Abysinian Banana Plant)—A foliage plant of magnificent proportions, for the sub-tropical massing or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high in the first season. Pkt 25c.

FLOWER SEEDS BY THE OUNCE

	Per oz
Alyssum, Sweet	$ 40
Aster, Comet—Mixed	1 50
" **German**—Quilled	75
" **Perfection**—Mixed	1 50
" **Semples'**—Mixed	2 00
Bachelor's Button—Mixed	50
Calliopsis—Fine mixed	50
Candytuft	50
Cornflower	50
Daisy—Double, mixed	4 00
Eschscholtzia (California Poppy)	50
Larkspur—Dwarf, mixed	50
Marigold, African	50
Marigold, French	50
Mignonette, Sweet	$ 15
Morning Glory	25
Nasturtium—Tall	20
" Dwarf	25
Pansy—Fine mixed	1 00
Petunia—Single, mixed	1 50
Pink, China—Double, mixed	50
Poppy, The Shirley	75
" **Carnation**—Flowered, mixed	35
Pyrethrum Aureum (Golden Feather)	50
Stocks, German—Ten-weeks, double, mixed	1 00
Sweet William—Single, mixed	30
Verbena—Fine, mixed	1 00
Zinnia—Fine, mixed	75

VIEW OF A LATH HOUSE 200 FEET LONG, CONTAINING 10,000 ARAUCARIUS, TREE FERNS, ETC.

AT THE

Cox Seed & Plant Co's Nursery

CALIFORNIA GROWN ROSES

THE SUPERIORITY of our California Grown Roses over most roses sent out, will be recognized from the start, as we are able to send out much stronger plants, at the same price, than are sent out from other sections, less favorable, and are sure to prove highly satisfactory to all our customers.

OUR RESPONSIBILITY

WE GUARANTEE PLANTS to reach their destination in a live, growing condition, but when we have done this our responsibility ceases; because we know that if they receive proper care they will grow nicely. Many plants die from careless treatment and neglect; in such cases we cannot, and should not, be expected to replace them.

IN ORDERING

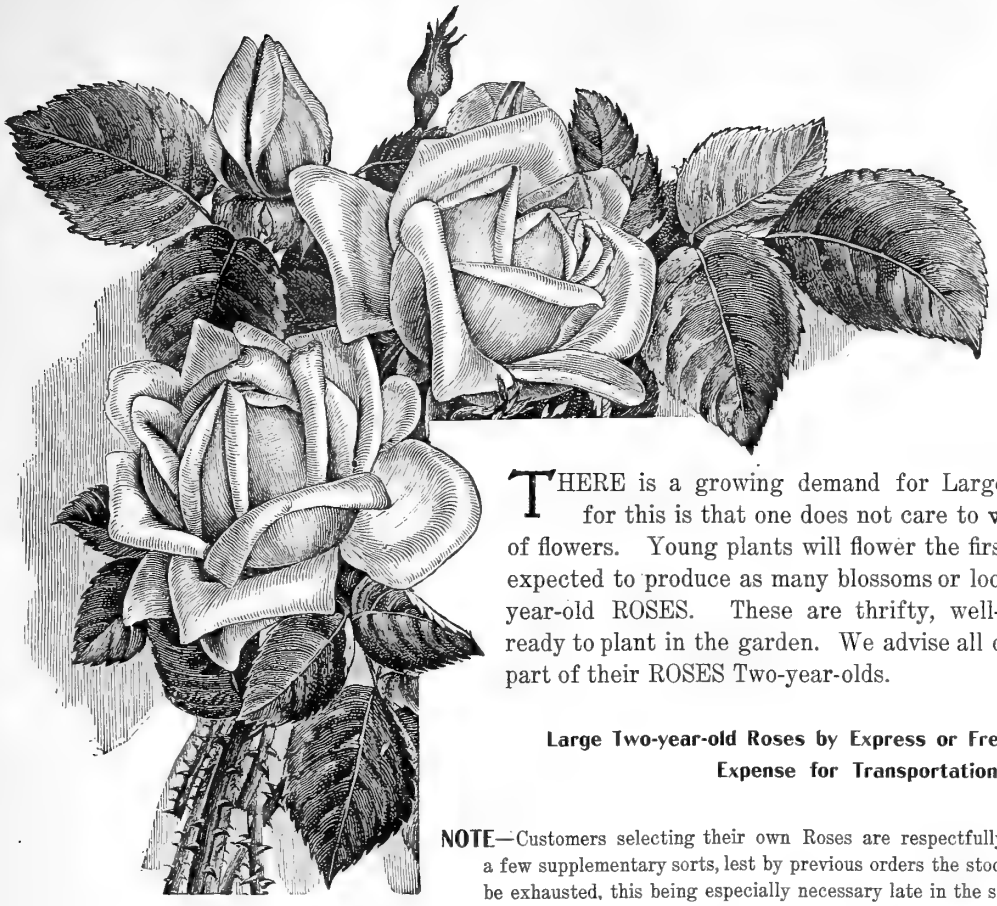
PLEASE NOTE that in many localities on this coast, that Express charges are much higher than by Mail, so when ordering be sure to mention whether Plants are to be sent by Mail, Express or Freight. No Orders for Plants for less than $1.00, and no Plants sent C. O. D.

EXTRAS

WILL BE SENT with all orders by Freight or Express, to help pay for Express or Freight Charges.

TREATMENT OF PLANTS ON ARRIVAL

The Plants, if in the least wilted, should be placed, with paper about them, in shallow pans with water, comfortably warm to the hand, where they should remain twenty minutes to half an hour, this restores their vigor, revives their leaves and increases their vitality.



ROSES

General List

THERE is a growing demand for Large Rose Plants. The reason for this is that one does not care to wait for an abundant supply of flowers. Young plants will flower the first year, but they cannot be expected to produce as many blossoms or look as well as our large Two-year-old ROSES. These are thrifty, well-developed plants, and are ready to plant in the garden. We advise all our friends to order at least part of their ROSES Two-year-olds.

Large Two-year-old Roses by Express or Freight at Purchaser's Expense for Transportation.

NOTE—Customers selecting their own Roses are respectfully requested to add to their orders a few supplementary sorts, lest by previous orders the stock of any particular variety should be exhausted, this being especially necessary late in the season.

Large Two-year-old Plants, 25c each; $2.50 per doz.
Extra Size Plants, 35c each; $3.50 per doz.
Except where noted.

Abel Grand—A splendid Rose, large, full and fragrant; color, deep, rosy blush.

Aline Sisley—A fine Tea Rose of rare shade of violet-red brightened with crimson; very fragrant.

American Beauty—A constant bloomer, with enormous buds and large, full flowers; color, glowing deep carmine.

Anna de Diesbach (Glory of Paris)—Brilliant crimson, shaded with maroon; long, pointed buds and large compact flowers.

Anna Thun—(See Countess Anna Thun).

Augustine Guinnoiseau (White La France)—This beautiful variety, with flowers of pure white, shading to a center of light rose, is a great favorite on account of its great freedom of bloom, fragrance and large flowers. A vigorous grower, producing a great number of buds and flowers; excellent for planting in cemeteries.

Baltimore Belle—Pale blush, nearly white; very double. Flowers in large clusters, the whole plant appearing a perfect mass of bloom. A beautiful climbing rose.

Banksia—White and yellow, these are the well-known thornless roses; the flowers are small but bloom in great profusion, and have a delicious violet odor. It is one of the best climbing roses grown.

Baron de Bonstetten—Splendid large flowers, very double and full. Color, a rich, dark red, passing to a deep velvety maroon, highly scented and very beautiful.

Baroness Rothschild The colors are of immense size, perfect form and exquisite color, a rich and lovely shade of pale pink, delightfully perfumed.

Beauty of Glazenwood or, San Rafael—A combination of copper, carmine and salmon-yellow.

Black Prince—Crimson, shaded with purple; medium size; form splendid.

Bon Silene—Buds of beautiful form; an unusually free bloomer; color, deep rose shaded carmine.

Bougere—Bronze rose to violet crimson.

Bride—An ever-blooming, pure-white Tea Rose, of large size and most perfect form. The buds are pointed, and the ends of the petals are slightly curved back. It is a very free-blooming variety, and has the most delicious tea fragrance.

Bridesmaid—In this exqisite new Tea Rose we have an improved *Catherine Mermet*, from which it is a sport. *Mermet*, on account of its exquisite shape, large, solid, firm buds, with long stiff stems, has long been considered one of the best cut flower varieties. *Bridesmaid* at all seasons is a clear delicate pink, in all respects a counterpart of *Mermet*, with large handsome pointed buds on long stiff stems.

Captain Christy—The flowers are of magnificent form, very double, and stand erect in their martial bearing. Color, a fresh, delicate satiny pink, with deeper center.

Captain Ingraham—Deep violet-purple, very mossy and free bloomer.

Caroline Testout—A grand new *Hybrid Tea* of *La France* type, but much larger and of better color, being a bright, clear delicate pink, retaining its color at all seasons. Individual flowers often much larger than *La France*.

Catherine Mermet—The buds are very large and globular, the petals being recurved and showing to advantage the lovely bright pink of the center, shading into light, creamy pink. A strong grower and fine bloomer.

Cecile Bruner—A charming, fairy-like variety, of sweet, delicate fragrance; color, salmon-pink, with deep salmon center.

Celine Forestier—Light yellow, deepening toward the center of the flower; large, very double, and of good substance.

Charles Lefebvre—A splendid rose. Large, full, thick petals, beautifully formed, dark crimson in color. Very velvety and rich.

Chas. Gater—Shrublike in growth; color an exquisite shade of deep crimson; flower large and globular. One of the finest roses of recent years.

Cherokee Rose, Single—One of the finest pillar Roses in cultivation. Large, clear, white, single flowers, full of bright-yellow stamens in center, which give a most unique appearance. Foilage dark, rich green. A most vigorous grower.

Cherokee Rose, Double—White.

Cheshunt Hybrid—Cherry carmine; large and full flowers.

Claire Carnot—Color, fine coppery rose, shaded with amber at base of petals; bordered with white and rosy carmine.

Climbing Devonieasis—Large, creamy-white, shell-like petals of great substance; large, full and very fragrant. Large plants only.

Climbing Hermosa—An excellent rose; blooms in fine clusters; large, very double and fragrant; color, beautiful clear rose; a constant bloomer.

Climbing Niphetos—A splendid companion to the *Climbing Perle des Jardines*. Color, pure white with pale lemon center; beautiful long pointed buds, very fragrant.

Climbing Safrano—(See Reve d' Or.

Climbing Perle des Jardins—Habit of growth is vigorous, young plants often sending up shoots 6 to 8 feet high, with rich, glossy foliage, and bright-red stems. The flowers are produced in profusion, and are deep canary-yellow.

CLIMBING ROSES

See Baltimore Belle, Banksia, Celine Forestier, Cherokee, Claire Carnot, Climbing Devoniensis, Climbing Niphetos, Climbing Perle des Jardins, Climbing Safrano, Climbing Hermosa Climbing La France, Crimson Rambler, La Marque, Marechal Neil, Reine Marie Henriette, Reine Olga de Wurtenburg, Wm. Allen Richardson.

Cornelia Cook—Extra fine, pure, waxy, white flowers; extra large and perfect buds. Fine winter bloomer.

Countess Anna Thun (Tea Rose)—It is of immense size, and of lovely and perfect form. Color, a beautiful citron yellow, with coppery and peach center, shading to orange-salmon and silvery-pink, the various colors blending nicely.

Countess de Frigneuse—The buds are long and pointed, like *Niphetos* in form and of good size. The color is a deep golden-yellow.

CATHERINE MERMET

Countess Riza du Parc—Bronzed Rose; flowers medium size, moderately full; highly perfumed; very vigorous, large and full

Coquette des Alps—One of the finest pure white hybrid perpetuals; large, full, finely formed flower; color pure white, some times faintly tinged with pale blush; profuse bloomer.

Climbing La France—An exact counterpart of this well-known variety, excepting that this is a strong climber; color, pure, satiny pink; delicious, fragrant and beautiful; long buds.

Clothilde Soupert—Outer petals, pearly-white; center, rosy-lake shaded with red; large for its class.

Crimson Bedder—Scarlet and crimson; very effective and lasting; clean, glossy foliage; blooms freely from June to November.

Crimson Rambler (Polyantha)—Of remarkably vigoruus growth making shoots from 8 to 10 feet high in one season. Flowers of brightest crimson, and produced in great pyramidal panicles, each having 30 to 40 blooms. Does not bloom as freely the first as subsequent years, as the flowers appear on the previous year's wood.

CLIMBING NIPHETOS

Devoniensis (Magnolia Rose)—A beautiful creamy white with rosy center. Magnolia fragrance.

Docteur Grill—Clear buff pink, passing to clear rose and fawn, elegantly suffused with pale canary yellow.

Duchess de Brabant—Soft, rosy flesh, changing to deep rose color, edged with silver; beautiful in bud and highly fragrant.

Duchess of Albany—One of the largest and finest. The flowers are magnificent, borne on long stems, bright-rosy pink, very full, double and fragrant.

Duchess of Edinburgh A splendid Rose; large buds of deep crimson.

Duke of Teck—A very large double Rose of bright crimson.

Duke of York—Flowers vary between rosy-pink and white, usually white, tipped with deep rosy-pink Flowers large for a China rose, of vigorous growth and good habit; a splendid, constantly flowering decorative rose of fine substance.

Eliza Sauvage—Large white rose.

Emperor of Morocco—An intensely dark rose of velvety maroon.

Etoile de Lyon A vigorous grower. Foliage of a reddish-purple; flowers, large; color a rich yellow.

Flor McIvor White, blushed rose. Sweet briar.

General Jacqueminot—Rich, velvety-crimson, changing to scarlet-crimson. A magnificent rose, beautiful in the bud or open. Is without a rival in fragrance and richness in color.

General Tartas—Brilliant carmine, shaded purple; very free-bloomer.

Giant of Battles—This is still esteemed as the very best, rich, red rose.

Gloire de Dijon—A magnificent old rose; color, rich, coppery yellow spotted with lovely amber. One of the best.

Gloire Lyonaise—A pale shade of salmon yellow, with deeper center, changing to creamy white.

Gloire de Margottin—The most beautiful of all red Climbing Roses; specially adapted for planting against fences and houses; can also be grown on a trellis. Color, a most beautiful shade of red. Buds large, long and pointed. Large plants only.

Glory of Mosses—The best of all the colored Moss Roses. Flowers, bright pink tinged with crimson; large and globular.

Glory of Paris—See Anna de Diesbach.

Gold of Ophir—Salmon-yellow shaded with bright, deep rose. Climber.

Grace Darling —Creamy-white bordered with rosy peach.

Her Majesty — This new rose is of immense size, perfect symmetry, and exquisite color, the color being a delicate pink.

Hermosa—Bright rose, cup-shaped; the most prolific and constant bloomer.

Homer—Soft, clear rose with a salmon shade.

Isabella Sprunt—Sulphur-yellow; very free bloomer; beautiful in bud.

J. D. Pawle – The bloom is full and rounded, of immense size; petals thick and smooth. It has beautiful foliage, and is one of the freest, easiest growers in the class.

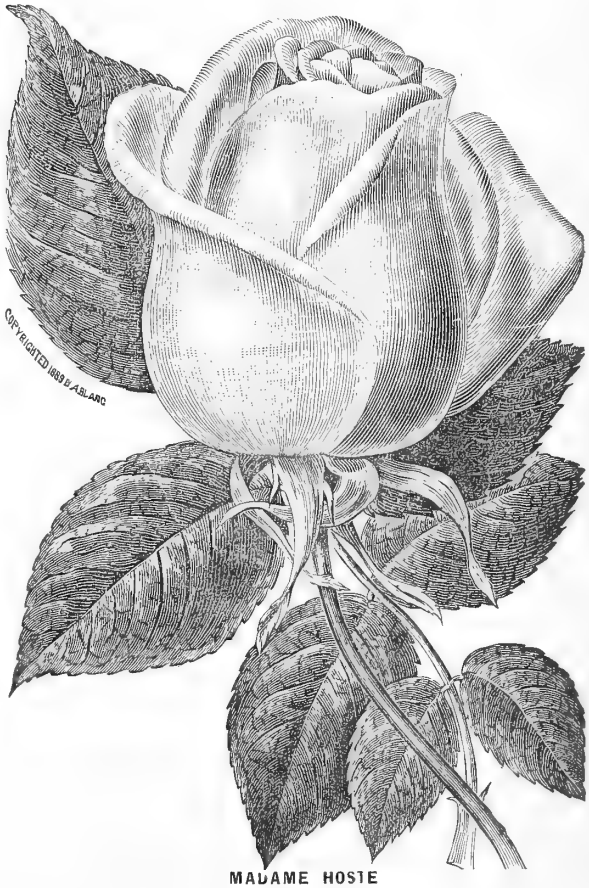
James Sprunt (or Climbing Aggrippina)—Rich dark crimson; free bloomer; strong grower

Jean Liabaud—Fiery crimson, shaded with black; very dark flowers.

John Hopper — One of the most reliable and satisfactory. Flowers are large; color, a brilliant rose, shaded with rich scarlet.

Jules Finger — Rose shaded with salmon; large and finely formed.

Jules Margotten—Bright, clear, cherry-red, large and very double. A favorite.



MADAME HOSTE

Kaizerina Augusta Victoria—A German variety and one of great interest to the Rose forcer; color, pure ivory-white. A large, full flower, magnificent in bud. Stems long and bearing large, strong canes, with handsome foilage.

La France — Delicate silvery-rose, shaded with cerise-pink, often silvery pink, with peach shading; very large, very double and of superb form. None can surpass the delicacy of its coloring; in fragrance it is incomparable; in form it is perfect. It ranks first, not only in the section to which it belongs, but stands first and foremost among roses.

La Marque—Pure white buds, open flower tinged light canary-yellow: large and full.

Laurette—A creamy-white, shaded with rose.

Lady Penzance (Sweet Briar)—Soft copper, shading to yellow.

Lettie Coles—One of the loveliest roses grown; soft creamy-white, bright carmine center.

Louis Van Houtte—A rich crimson, heavily shaded with maroon.

Luciole—Very bright carmine rose, tinted and shaded saffron, base coppery.

Luxembourg—(Moss Rose)—Bright crimson-scarlet, double; very sweet and mossy.

Mabel Morrison—Pure white petals, thick and waxy.

Madam Alfred Carriere — Rich cream-white, large, deliciously fragrant, fine bloomer.

Madam Angelique Veysset—See Striped La France.

Madam Caroline Testout—See Caroline Testout.

Madam Falcot—Deep apricot, shaded buff.

Madam Hoste—Color, yellowish-white shaded with buff, while in cooler weather the petals are of a clear ivory-white.

Madam Lombard—Color, bright rosy-crimson; very fragrant.

Madam Philemon Cochet — A very thrifty, strong-growing Tea Rose, producing cup-shaped flowers in the greatest profusion. Color, rose shaded with salmon and suffused with a lighter shade.

Madam Pierre Guillot—A new rose, which is destined to great popularity, partaking of both *Madame de Watteville* and *W. A. Richardson* in color; flowers large, full, finely formed, pale yellow, tinted with coppery-orange at center, becoming paler outwards; edges of petals rosy crimson.

Madam Kruger—A strikingly handsome rose, and one of the very best for open-ground culture, especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color; very large.

Madam de Watteville—The color is a remarkable creamy yellow shade, richly colored with rosy blush; the petals are large and each one bordered with bright crimson which gives it a very beautiful appearance.

Magna Charta—A splendid sort; bright, clear, pink, flushed with violet-crimson; flowers, large; fine form; very double and full; a free bloomer.

Malmaison—See Mrs. Paul.

Manda's Triumph—This is a hybrid of free growth, with fine foliage and clusters of from twelve to eighteen flowers, literally covering the plant with its perfectly formed double white flowers. Price 50c.

Marechal Neil—Beautiful deep yellow; large, full and of globular form. Very sweet.

Marie Baumann—Bright carmine; flowers large and of exquisite form; free bloomer.

Marie Lambert (White Hermosa)—A strong, vigorous grower, with bright green foliage. The flowers are medium sized, borne in clusters; color, pure white. *It flowers from every shoot and is in bloom the whole summer.*

Marie Sisley—Deliciously tea-scented; color, a fine shade of pale yellow.

Marie Van Houtte—White, slightly tinged with yellow; a free grower and fine bloomer.

Marshall P. Wilder—Color, bright cherry carmine; fragrant; fine foliage.

Meg Merrilles—A new Sweet Briar Rose. Gorgeous crimson.

Meteor—An exceedingly rich, dark-crimson color.

MADAM DE WATTEVILLE

Moss Roses—See *Capt. Ingraham, Glory of Mosses, Luxembourg.*

Mrs. John Laing—We cannot praise this rose too highly, for everyone planting it is delighted with its *ever-blooming habit and beautiful pink flowers.*

Mrs. Paul—Pearl-white in color, shaded peach. An improved *Malmaison.*

Niphetos—This still holds the lead as the most elegant White Rose. The buds are 3 inches long.

Papa Gontier—A grand red Tea, of fine crimson shade and silken texture. The bud is of fine size and form.

Paul Neyron—Color, pale soft rose, violet-shaded; flowers immense.

Perle des Jardins—Fine straw-yellow, sometimes deep canary-yellow. The finest dwarf yellow Rose we have.

Perle d'Or—Nankeen-yellow with orange center; small and full; very handsome. One of the best.

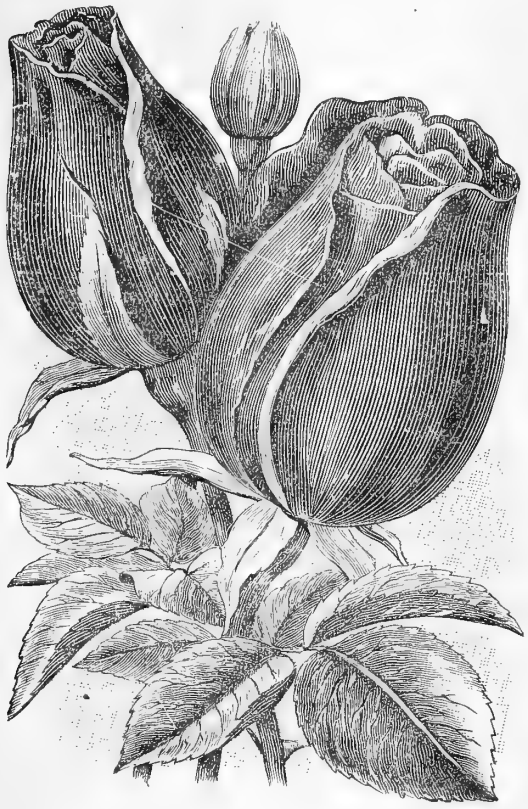
Perpetual White—Pure white. Best white Moss Rose.

Pink Roamer (Sweet Brier)—Single flowers are produced in close heads, are nearly two inches in diameter, bright rich pink, with almost a white center. Price, 50c.

President—A lovely rose; carmine pink; extra large size; free bloomer; delicious tea scent.

President Lincoln—Bright, cherry-crimson, shaded with purple-vermilion; fine shaped.

President Carnot—Without doubt a grand acquisition to the list of forcing Roses. It has all the good qualities, and is a remarkably strong, quick grower, extremely healthy, and a constant and prolific bloomer; it produces long stiff stems with handsome foliage. The color is an exquisite shade of sea-shell pink, shading to ivory-white at edge of petals. Price 50c.



PAPA GONTIER

Prince Camille de Rohan—Deep, velvety-crimson; a splendid dark sort.

Princess Beatrice—A pure Tea, of strong habit, heavy foliage; flower stems stiff and upright, carrying large buds of exquisite color, outer petals varying from canary to golden yellow, edged lightly with bright rose color.

Queen—A most charming Tea Rose. It is pure snow white, makes good, finely formed buds, is quite full, showing the center but slightly when full open.

Rainbow (California's New Striped Rose)—A lovely pink Rose, blotched and streaked with the darkest crimson. The buds are long and handsome, having the same erect habit of growth as *Papa Gontier*.

Reine Marie Henriette—Fulgent crimson; large and full, with long pointed buds

Reine Olga de Wurtenburg—A splendid Rose, and should be grown where the *Marechal Neil* succeeds. This variety, as grown in the South of France, is simply indescribable. The people in the South would do well to employ this beautiful sort for covering verandas and trellises. Color, rosy crimson, suffused with yellow.

Reve d'Or (Climbing Safrano)—Deep yellow; sometimes coppery-yellow, or rosy buff; large, full and sweet. A beautiful climber.

Safrano—One of our old favorites; constant bloomer; elegant in bud; buff and apricot.

San Rafael—(See Beauty of Glazenwood.)

Sappho—Buds fawn color, suffused with rose, the opening flowers shaded yellow and tawny buff, centers deep, bright yellow, large, full and globular. The petals are large and of much substance.

Senator McNaughton (*White Perle des Jardins*)—This fine, white Tea Rose originated in Philadelphia, and is a grand variety. In foliage and growth it is identical with *Perle*; the flowers are of the same form and size, while the color is an ivory white of great purity. This variety will prove invaluable to Rose growers; easy management.

Shirley Hibbard—Beautiful Nankeen-yellow; free bloomer and a popular variety.

South Orange Perfection—This is a gem; free growth, close to the ground, and multitudes of the most perfectly formed double flowers, about one and a half inches in diameter, soft blush pink at the tips, changing to white. Price 50c.

Souvenir de Wooten—An American variety of great promise; color velvety red, equal to *Jacqueminot*. Perfume which cannot be excelled The most prolific bloomer in existence, every shoot containing a flower bud.

Souvenir de Madam Eugene Verdier—Foliage of medium size, somewhat like that of Mme. Cusin; produces strong thorny canes and large flowers from pointed buds, creamy-white, shading to yellow.

Souvenir de Malmaison—Hardy, free blooming; of beautiful, clear, fresh color; edges, bluish; superb.

WABAN ROSE

Souvenir de Paul Neyron—White tinged with rosy crimson; very distinct; a fine sort.

Striped La France (*Madame Angelique Veysset*)—This Rose combines all the good qualities of *La France* in growth, fragrance, shape of bud and flowers; a free bloomer, nicely striped, the marking plain and distinct, and the variegation a beautiful bright rose and satiny pink.

Sunset—Identical in every respect with *Perle des Jardins*, except that its color is that of rich saffron and orange.

Sweet Brier—See *Meg Merelles*, *Lady Penzance* and Flor McIvor.

Sylph (*Tea*)—Ivory white, tinted peach; large, with deep, stiff petals; foliage beautiful. A most promising bedding variety, as it is very hardy for a Tea.

Triomphe de Luxembourg—Rosy blush on a copper ground. Very fragrant.

Ulrich Brunner—Bright cerise-red; flowers very large and full, and of fine globular shape. Large plants only.

Universal Favorite—A free grower, producing long branching shoots, with bright shiny foliage in abundance, and soft light pink double flowers, two inch in diameter, strongly perfumed. 50c.

Viscountess Folkestone—The flower is delicately tinted flesh, almost white and lustrous as satin. When full blown, it is like a fine white Pæony, but without stiffness. Sweet-scented.

Waban (The new forcing Rose)—One of the most showy and attractive Roses of recent introduction; flowers larger than the *Mermet*; color rich, deep, bright pink, and sure to become a great favorite in every garden.

White Hermosa—See Marie Lambert.

White La France—See Augustine Guinnoiseau.

White Perle des Jardines—See Senator McNaughton.

White Banksia—See Banksia.

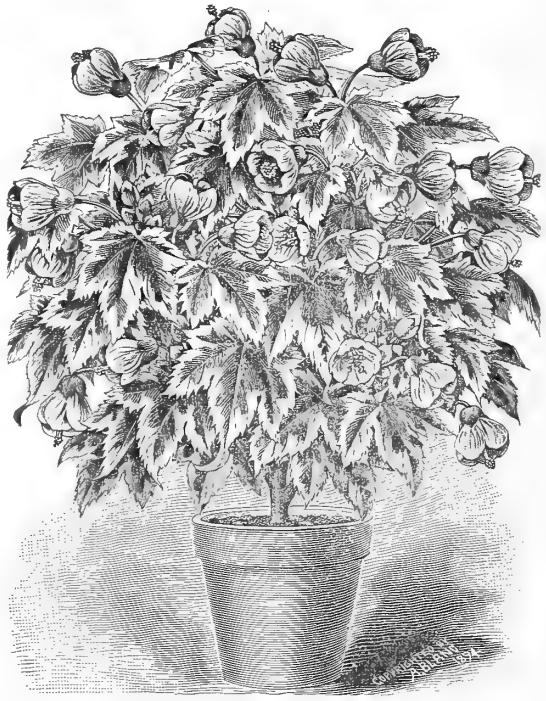
ABUTILON, ECLIPSE

William Allen Richardson—Fine orange yellow, apricot center; medium size; full, very showy and distinct. A beautitul climber.

William Francis Bennett—Flowers of large size and borne on long stems; in shape resembles *Niphetos*, rival in coloring the rich *General Jacqueminot*, and resemble in fragrance the lovely *La France*; the habits are all that can be desired, being clean, vigorous and productive.

SMALL ROSES BY MAIL

We can supply the following Roses, small plants, mailing size, at 10c each; $1.00 per doz: Aline Sisley, Cecil Bruner, Celine Forestier, Claire Carnot, Countess Riza du Parc, Duchess of Albany, General Tartas, Homer, James Sprunt, Jules Finger, Lamarque, La France, Madam Alfred Carrier, Madam Fol.ot, Papa Gontier, Perle des Jardins, Perle d'Or, Reve d'Or, The Bride, William Allen Richardson.


SOUVENIR DE BONN

ABUTILONS

Eclipse—This is an elegant foliage plant, and one of the prettiest we know. It is new, and the flowers, which are produced in profusion, set the plant off to good advantage.

Golden Fleece, or Golden Bells—The variety now offered combines large size, fine form, and depth of coloring, and will become the leading yellow variety.

Madame Alphonse Rothschild—New, beautiful, light-cream colored flowers. An entirely new shade. Elegant.

Madame Delaux—Wine color, veined with violet; large flowers of fine form. This is the most distinct of the new Abutilons.

Robert George—A free and continuous bloomer. Flowers are broad, their large overlapping petals incurved; color, orange, veined with crimson.

Scarlet Gem—A rich, bright scarlet. Can't be beat.

Souvenir de Bonn—A distinct and striking novelty, and the most wonderful variegated Abutilion yet introduced. The foliage is large and of a deep green color, not mottled and marbled, as in all other forms of variegated Abutilions, but each leaf is edged with a broad white margin, not unlike the silver leafed Geraniums. The plant is of strong, robust growth and forms beautiful specimens. Small plants, 25c each.

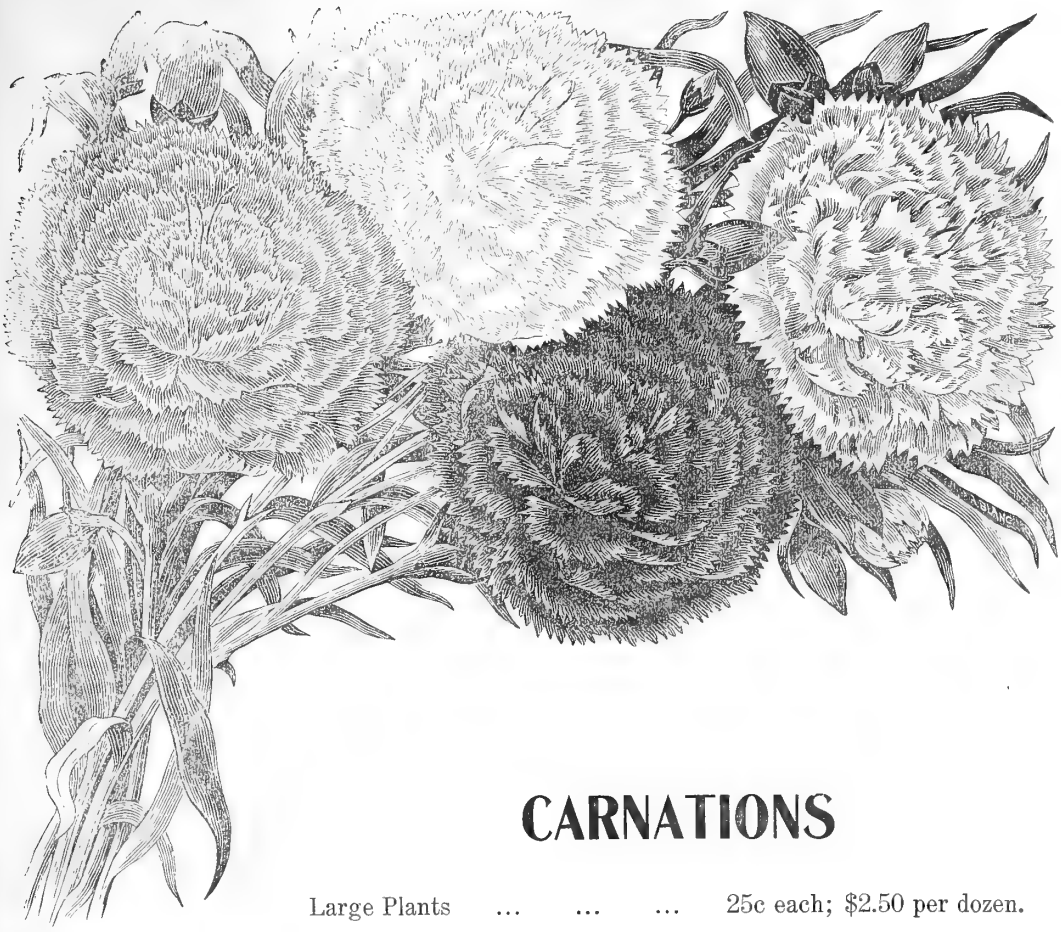
Snow Storm—Pure white flowers, and blooms freely. Dwarf.

Splendens—A beautiful velvety-crimson. Very rich and pretty.

Thompsonii Plena—New. Has perfectly double flowers that resemble in form a double Hollyhock. Color, a rich, deep orange shaded and streaked with crimson. The foliage is delightfully variegated.

25c EACH BY MAIL.

One Each of the Ten Sorts Sent Free by Mail for $1.75.



CARNATIONS

Large Plants ... ... 25c each; $2.50 per dozen.

Small Plants by Mail, 10c each; $1.00 per dozen; $6.00 per 100.

Helen McGown—Largest variegated Carnation that we have ever seen. Flowers are borne on long, erect stems, of a beautiful rose-carmine, streaked and blotched with violet.

Helen Keller—A strong, vigorous and healthy grower. Color, clear, white ground, delicately and very evenly marked with bright scarlet.

J. R. Freeman—A deep cardinal-fringed flower. A continuous bloomer.

Kitty Clover—Light yellow, lightly striped with red and white; vigorous wiry grower.

Lizzie McGowan—Elegant new white variety, being of the purest white color, large, full and very attractive; very prolific and fragrant.

Alaska—Pure white. Flowers of good size and symmetrical in form

Anna Webb—A fine crimson deeply fringed, of medium size and branching habit.

Arcadia—Light pink.

Bridesmaid—Bright clear pink, of a very even shade; extra large flowers of perfect form.

Corsair—A fine scarlet Carnation; flowers very large, and freely produced.

Cæsar—Fine, vigorous grower and a free and continuous bloomer; flowers large, full and sweet; color, bright pink striped with crimson.

Daybreak—Very large double flowers, of a delicate shade of light pink.

Dean Hole—Bright clear yellow, marked with scarlet.

Eldorado—Light, clear yellow, free from all white markings; petals edged with a narrow band of light pink.

Eulalie—Chrome yellow, profusely penciled with bronze pink. Strong, vigorous, free in bloom. Flowers well fringed.

Golden Gate—Fine yellow variety, full and double.

Grace Wilder—A bright rosy-pink and very fragrant.

Goldfinch—A vigorous yellow Carnation; flowers slightly penciled rose on yellow ground.

Lois C. Haettel—A new white variety. The petals are very heavily fringed, giving it a peculiar lace-like appearance; very fragrant.

Madame Diaz Albertini—Flowers, very large, round and full. Color, light flesh-pink, with a strong clove fragrance.

Mayor Pingree—Color is a clear lemon yellow, lightly marked with pink and occasionally splashed with white; a very strong, robust grower.

Minnie Cook—The flowers are massive and perfect in form, and its delicate markings of pink and carmine.

Oro Fino—Pure yellow.

Panchita—Very lrrge fine flowers, variegated pink and red, handsomely fringed.

Portia—The brightest scarlet; very free bloomer and a healthy grower.

Princess Bonnie—Deep flesh overlaid with satiny blush, striped and splashed with carmine-lake and rosy-pink; rich fragrance.

Redondo—Pure snowy white, deeply fringed; lovely.

Santa Rosa—Shell pink. A free bloomer.

S. P. Rees—Shell pink.

Triumph—Color is a pure pink, of yellowish tinge, and never shows a a touch of purple; one of the very largest blooms that we know of.

Wolfskill—A fine pink flower.

Wm. Scott—Flowers extra large, deeply fringed and never bursting; color, a deep rich pink.

AZALEA INDICA

AZALEAS

Azalea Indica—The flowers of which are of unsurpassed beauty, borne in large clusters above the small leaves; blooms from January to April; colors very rich. Our stock of single and double ones in white, variegated or solid colors is unusually fine this year. We offer fine plants, full of buds, at $1.00 each; $10.00 per dozen.

Azalea Mollis—The most brilliant and showy of all hardy shrubs, exceeding even the Rhododendron, and entirely hardy without protection in all situations. The bloom, which varies in color from the most intense rosy-crimson to yellow lemon, literally covers the compact spreading plant, forming a huge bouquet, and which remain in perfection for a long time in May and June. Massed they produce an effect that is actually dazzling. Yellow, red and white. Strong plants, 75c each; $8.00 per dozen.

CHRYSANTHEMUMS

STANDARD SORTS

We have discarded and weeded out hundreds of varieties, as they have been superseded by better sorts or have not stood the test of time and comparison.

Price: 10 Cents Each; $1.00 per Dozen (Mailing Plants), except where noted.

Annie Dorner—Color, deep carmine shading to creamy-white; very double.

A. Ladenburg—A full and extremely double Japanese variety of immense size, having been grown ten inches across; color, a clear, delicate rose-pink

Amoor—A rich reddish-brown, reverse silvery-bronze, distinctly lined with gold; flowers, enormous in size, of unusually broad petals, curiously whirling around the center.

Buff Globe—An enormous globe-shaped flower, of long, incurving petals; color, pale chrome-yellow shaded with buff.

Buff Hairy—Deep brownish-yellow shaded with buff; flowers large, full and double, of broad, incurving petals; beautifully covered with globular hairs.

Capt. J. C. Ainsworth A mammoth white flower of great substance with beautiful green foliage; petals remarkably broad and lomg.

C. Kruger—Yellowish-pink; flowers large and full.

Cochineal—A striking shade of dark-crimson with golden on reverse of petals.

Doctor Callandreau—A soft canary-yellow; incurved and whirled center.

Eda Prass—A fine, recurved, globular flower.

E. G. Hill—Immense flower; bright yellow, shaded bright carmine.

Elmer D. Smith—The color is cardinal-red, of a very rich, pleasing shade, faced on the back of the petals with clear chamois.

Eugene Dailledouze—A grand, bright yellow, outer petals broad and incurving.

Golden Gate—Deep golden yellow, shaded with buff; whirled center.

Harry E. Widener—Very finest yellow; fine for cut flowers.

Harry May—Flowers very large; forms a massive sphere of deep old gold, with reddish veins.

Harry Balsley—Salmon-pink; ribbon-like petals.

OSTRICH PLUME

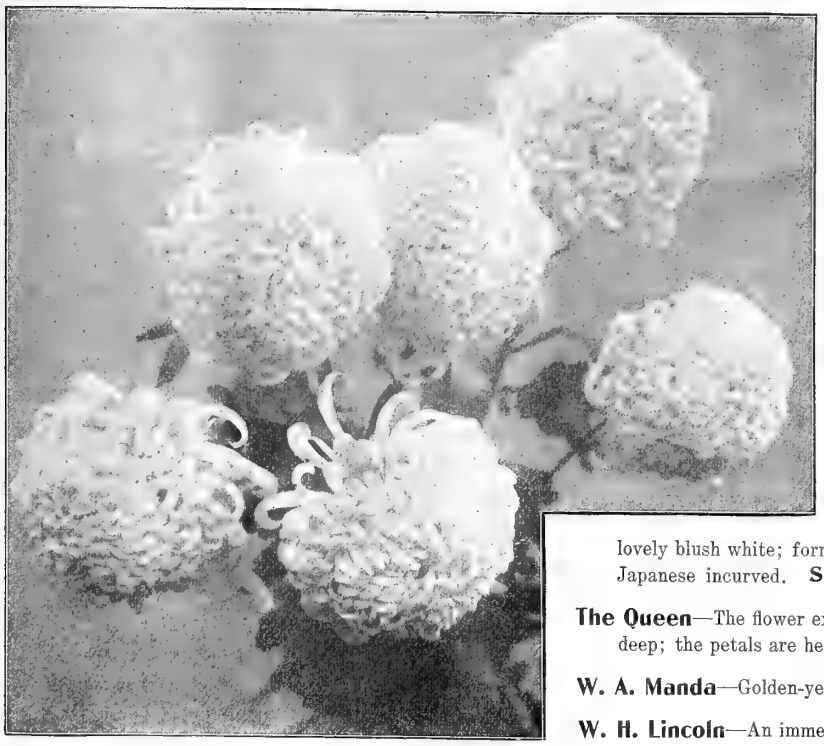
Inter-Ocean - An immense pearly-white flower.

Ivory—Excellent for pot culture; pure-white flower; globular shape.

Kioto—A very large incurved flower and of splendid habit; color a deep yellow with peculiar high lustre.

King of Chrysanthemums—One of the best bronze varieties; color brownish-maroon, reverse reddish gold; a magnificent flower of immense size.

Louis Boehmer (Pink Ostrich Plume)—But its color is an exquisite shade of silvery-pink, with deep rose on the inside of the petals.



RUTH ELLIS

Monarch of Ostrich Plumes — Color, bright chrome-yellow, shaded buff and amber; a large incurved flower, beautifully covered with glandular hairs.

Mrs. Robt. Craig—Pure snow-white, incurved to form a perfect sphere, perfectly double.

Philadelphia — An enormous globular Japanese variety, with broad incurving petals; color, white shading to pale lemon

Pres. Wm. R. Smith — A pure self-pink; opens with a center incurving in a circle enclosed in broad outer petals; perfectly double.

Prince of Chrysanthemums — Magnificent, incurved pink variety, with tubular petals.

Ruth Cleveland — Delicate silvery pink; petals, broad and cup-shaped; outer rows reflex, inner rows incurved.

Ruth Ellis—The stem and foliage both good; color, lovely blush white; form a magnificent specimen of the highest type of the Japanese incurved. **Small Plants, 50c.**

The Queen—The flower excels all in pure whiteness; is extra large, broad and deep; the petals are heavy and thick.

W. A. Manda—Golden-yellow "Ostrich Plume," flowers very large.

W. H. Lincoln—An immense double yellow flower.

Mrs. Alpheus Hardy (White Ostrich Plume) — Large and well formed when properly grown. Thickly studded with a feathery growth.

Mrs. E. D. Adams—Flowers, pure white and very large; petals, long and twisted.

Mrs. E. G. Hill—A grand, early pink, beautiful in color, extra large, finely incurved flowers.

Wm. Falconer—The flowers are of the largest size, and are borne on strong, vigorous stalks. Ostrich plume variety does not give color.

W. W. Lunt—Lemon-yellow; fine, large, massive flower.

Yellow Queen—Extra large; bright, clear yellow; one of the finest early varieties

Yoshiike—One of the largest; color, brownish-gold; petals, tubular spotted at the tips, with glandular hairs or fringes on the reverse.

PELARGONIUMS

REGAL, FRINGED AND DECORATIVE VARIETIES

THIS magnificent group includes those varieties whose habit is more robust, and the flowers much larger than those of the Show Pelargoniums. Their petals are either frilled or fringed, and overlap each other in such a manner that they present the appearance of being double. Several of the varieties display a warmth and richness of coloring not found in any other class, and their persistency of petal rendering them invaluable as cut flowers. No garden should be without some of them.

SMALL PLANTS, 20 cents (except where noted); 12 Choice Varieties, OUR SELECTIONS, $2.
Extra Strong Plants Ready in March, Price, 35 cents Each.

Alexander Craw—A flower of the same type as Mad. Thibaut, only more double, petals much more fimbricated, or crisp, of a deeper shade and more brilliant coloring and a lighter center. 30c each.

Alexandre de Napadiewicz—Beautiful flower of a salmon-carmine color margined with white; petals blotched with maroon.

Anita—Lovely shade of brightest rose pink; upper petals grandly feathered with dark velvety crimson. 30c each.

Beauty of Oxton—The upper petals are of a very rich maroon darkly blotched; under petals, very dark crimson shaded with maroon; light center; all the petals margined with white and beautifully fringed.

Bush Hill Beauty—Flowers of large size, of a mottled-rose shade.

Captain Raikes—Flowers very large and full; color, dark fiery crimson.

Docteur Andre—Blush-pink ground, the margins of petals elegantly fringed.

Dr. Masters—Large black blotches in the center; margin, rich crimson; lower petals, small blotch.

Dorothy—Fine large flowers of a soft shade of carmine, the petals margined white and elegantly frilled

Duchess of Bedford—Blossoms purest white feathered, spot of delicate rose; petals fringed. 35c each.

Duchess of Teck — Immense semi-double white flowers; petals crimped and undulated.

Duke of Albany — Deep, rich crimson-maroon margined with rosy lake; light center with violet-rose shading.

Embassy—Pure white, the two upper petals blotched with deep violet-crimson.

Emp. Frederic—Pure white, double flowers; the petals being elegantly crimped. 30c each.

Emperor of Russia—Extra large flowers; dark maroon, surrounded with crimson purple, margined with blush white.

Empress of India—Splendid trusses of very large flowers, of a brilliant shade of salmon-scarlet, the two upper petals blotched with dark crimson. 30c each.

Glory de Paris—Brilliant pink, blotched with black on upper petals.

Lord Clyde—White, suffused with violet, each petal grandly blotched with deep violet crimson.

Madam Thibaut—White-blotched and marbled with rose; upper petals marked with crimson maroon; large, white center.

Mrs. Perkins—Pure white, maroon blotch on upper petals; bold flowers, crimped edges.

Maud Hooper—Flowers of a delicate rosy-blush, deepening towards center; beautifully fringed and undulated.

Mr. Worthington — Large flowers, with elegantly fringed margins of a beautiful orange-scarlet color, center light maroon; upper petals blotched with intense black. 30c each.

Mrs. John Saul—Color rich glowing vermilion, with a light center and light margin on the petals.

Mrs. O. W. Childs—Very large trusses, of extra large fluted flowers, of a most exquisite shade of rose pink, with markings on the petals. 30c each.

Neptune—Flower rosy-purple, upper petals blotched and feathered with maroon; under petals spotted with maroon.

Prince of Wales — Flowers of a bright, vermilion color with light center.

Princess Beatrice—Of a blush-white shade, deep crimson blotch on each petal, occasional semi-double.

Prince Henry—Soft rosy red, shaded orange and chocolate; broad, white margin and center. 35c each.

Prince of Teck—Rich deep-crimson shaded with violet; upper petals blotched and feathered with dark blackish maroon; center shaded with violet. 25c each.

Prince of Pelargoniums — Large flowers with elegantly fringed margins; vermilion-scarlet, relieved by a blush-white center, violet veins.

Queen Victoria — Crispy petals of a rich vermilion color, broadly margined pure white, the upper one blotched with maroon.

Volante National Alba—Extra large trusses; pure white flower in great profusion.

NEW . . . GERANIUMS

25 cents each; $2.50 per Dozen.

Gambetta—A fine bedder with stiff stems; flowers of the largest size; color beautiful bright rose. A brilliant and pleasing shade and much sought after. A fine improvement on all of this color.

Deuil de Miribel—The grandest single scarlet that we have yet seen. Footstalks 15 inches long and very rigid, and bearing enormous trusses composed of immense circular florets of velvety-crimson scarlet. This variety has the largest floret, the finest truss, the longest stem and the best color among single reds, and it is a fine free grower.

Dr. Nansen—One of the very finest and best single whites ever raised; pure snow-white—never colors; flower large and beautifully formed; habit dwarf and free.

Dr. Blanche—(The new orange-scarlet Geranium)—New. Artists in color who have for the past season seen it in flower declare it to be a rich, golden-orange of the most brilliant hue—we need not add another word as to its color. The flowers are of the largest size, most perfectly shaped, in large trusses, opening freely at all seasons. The habit and growth is as free and robust as any other variety. It is well marked in character and distinctness.

Eulalie—Bright salmon; a beautiful, well formed flower, and a distinct advance upon any previous introductions in the same class, both in bloom and habit. Has the elegant form of the double *Bruant* type of floret.

J. D. Cabos—Single. Plant of dwarf growth, flowering in abundance; trusses of the largest size, composed of large flowers showing a new and delightful color in Bruants, soft rosy pink. Will prove a magnificent pink bedder.

M. Lockray—(A fine, new, apricot-tinted Geranium)—This new variety has wonderfully large flowers of the semi-double type that is so effective. The color is a peculiar apricot salmon in center, diverging to a lighter hue, sometimes almost white on the edge. The trusses are of immense size, the individual flowers are very perfect, altogether making one of the best new Geraniums.

Leonard Kelway—Double. Glowing carmine; very bright and attractive, the petals showing a peculiar gloss; color as fine as *S. A. Nutt*, while the truss is much larger. A grand addition to the dark reds, which are always in great demand.

Marquise de Galard—Rose-cerise, large truss.

Madame Bacot—Yellowish orange, free bloomer.

Mme. Jules Chretien—A great stride in this section, a most novel introduction. Clear rosy-scarlet with a tinge of magenta, distinct white center peculiar to this class; a real acquisition.

Mrs. Gladstone—Ground color pure white and shaded flesh pink toward the center, a beautiful combination. Fine bold truss and splendid habit.

Souvenir de Mirande—The greatest novelty in New Geraniums that has appeared for a number of years. It has round florets, upper petals cream white, with a distinct rosy pink border, lower petals salmon rose, streaked with pure white. It is extremely free-flowering, and produces fine trusses of its magnificent blooms.

GERANIUMS

Best Single Varieties

15 cents Each, $1.50 per Dozen

Dazzler—Most intense scarlet, white eye.

General Grant—Brilliant scarlet flowers.

Gloire Loraine—Firey scarlet.

Jubilee—Brilliant pink.

Queen of Belgians—A beautiful, clear white.

GERANIUMS

Best Double Varieties

15 cents Each, $1.50 per Dozen

Asa Gray—Salmon; large flowers.

Bruante—Best scarlet.

Crimson Velvet—Dark crimson.

Emile de Girardin—Clear rose.

James Vick—Deep flesh with dark brown shadings.

Sam Sloan—Velvetty crimson; immense trusses.

The Swan—Pure white, very double.

GERANIUMS

Hybrid, Bedding and Scented Leaved

Mrs. Pollock—There is nothing that can compare with the beautiful markings of the Golden Tricolor Geraniums. The foliage is of an exquisite, bright bronze-red zone, belted with crimson and edged with golden yellow. 20c each; $2.00 per dozen.

Distinction—The foliage of this variety is very distinct. It has a beautiful, very narrow, dark, almost black, zone near the edge of the leaf. A very popular house plant, also good for out-door bedding. 10c each; $1.00 per dozen.

Happy Thought—A fine house plant; leaves dark green and creamy yellow disc. 10c each; $1.00 per dozen.

Mount of Snow—Silver edge, strong grower, One of the best silver-leaved Geraniums; flowers scarlet. 10c each; $1.00 per dozen.

Md. Salorii—A grand little novelty, with leaves from 1 to 2 inches in diameter. Center of leaves rich olive green, with broad margins of pure white. Plant very dwarf, growing in dense round masses. Each, 10c; $1.00 per dozen.

GERANIUMS SCENTED

15 cents Each; $1.50 per Dozen

Fern Leaf Rose, Nutmeg, Rose Geranium, Scarlet Flowering Rose, Variegated Rose

GERANIUMS—IVY-LEAVED

15 cents Each; $1.00 per Dozen

Alice Prousse—Petals of great size; violet-purple and amaranth, very floriferous.

Alma—Bright salmon-scarlet, the center lit up with vermilion.

Chas. Turner—The handsomest Ivy-Geranium ever introduced. Flowers 2½ inches, trusses six inches across. The color is a deep bright pink, approaching scarlet in color; the upper petals feathered maroon; quite double.

Count H. de Choiseul—Florets two inches across, pale blush, bordered salmon.

Eurydice—Rose mauve, shaded red, very double.

Flourens—Large irregular flowers, salmon shaded with rose; large petals.

Gladiator—Deep claret.

Joan de Arc—Pure double white.

La Rosiere—Double rose.

Le Propheta—Rosy red.

P. Crozy—A grand hybrid between the Zonales and Ivies, having the foliage of the former, while the forms of truss and florets are found only among the Ivies; the color is soft bright scarlet, with veinings of maroon; a grand bedder; profuse in bloom. 20 cents.

Robt. Owen—Rosy red, very double.

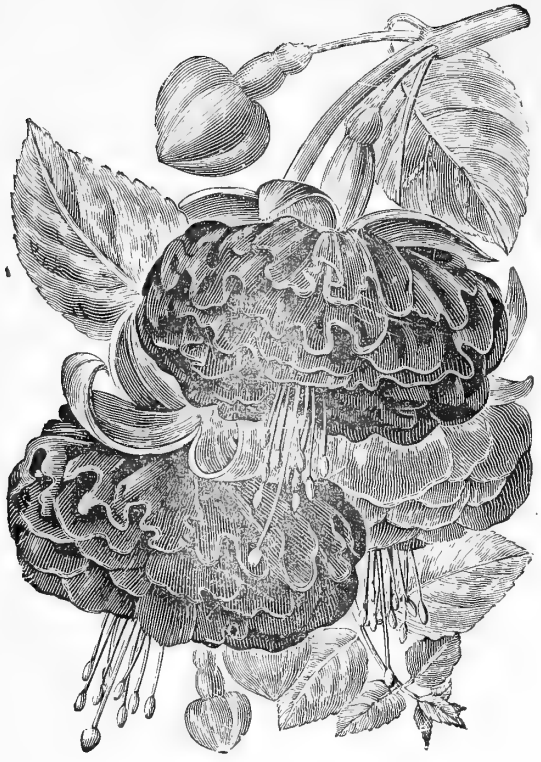
HYDRANGEAS

Red-branched (*Ramus Pictus*)—A valuable addition to the list of Hydrangias, with dark-red branches that brighten to the clear crimson color as they near the flower trusses. The plant is of robust habit and produces freely immense heads of deep rose-colored flowers. Price, 25 cents each.

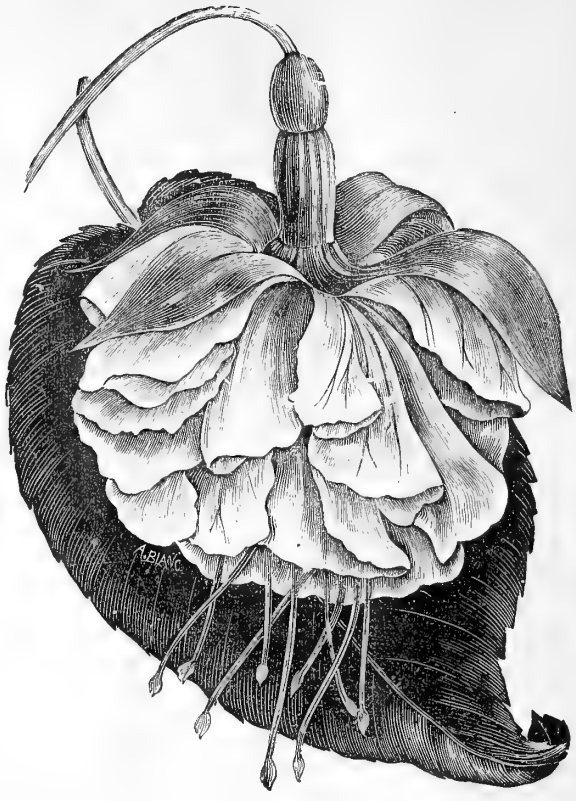
Hortensis—The old favorite variety, pink flowers, changing to blue in soils containing iron. Price, 20 cents each.

Thomas Hogg—A pure white variety with trusses of flowers measuring fifteen inches in diameter. The plants when full grown attain a height and width of six feet; hardy. Price, 25 cents each.

New Japanese (*Paniculata Grandiflora*)—A very striking and elegant hardy flowering shrub, suitable for lawns; from Japan. The flowers are pure white, afterwards changing to pink, and are borne in immense pyramidal trusses more than a foot long. It blooms in midsummer and remains in bloom two or three months. Price, young plants, 20 cents; extra strong two-year-old plants, 35 cents.



FUCHSIA—PHENOMENAL



FUCHSIA—STORM KING

FUCHSIAS

We describe a few of our leading varieties which we consider the best

Bismark—Sepals bright red, corolla double, dark plume; one of the best, constant bloomer. 15c each.

Carl Halt—An exquisite single variety, tube and sepals white, corolla scarlet, striped white, a great favorite. 15c each.

Esmeralda—A novel color, sepals bright red, corolla double, lavender blue shaded and striped carmine; extra. 15c each.

E. G. Hill—Best and largest, double, white. 25c each.

Fulgens—It has a bulb like a Dahlia, is a strong grower, and produces clusters of orange-scarlet flowers, the tubes of which are 4 or 5 inches long. 15c each.

Majestic—An immense flower of great substance; tube and sepals pure white; corolla, brilliant carmine; single. Each 15c.

Phenomenal—The largest double Fuchsia of dark color; tube and sepals, scarlet-carmine; corolla measuring 2½ inches in diameter, of a rich dark-blue color. Each 20c.

Procumbens (Trailing)—As a Fuchsia this is an interesting sort and of value for hanging pots and baskets. Covered with pretty leaves, bright flowers and red berries. The flowers are small and show several colors, the anthers being blue. Each 15c.

Perle von Brunn—A very large, double white Fuchsia; one of the very best. Each 15c.

President Carnot — Free-flowering; of splendid habit; corolla, double, violet; sepals, wine-red. Each 15c.

Rainbow—A beautiful variegated foliage Fuchsia; leaves, bronze to red, shaded olive-geen and yellow. Trained against a wall, it forms a beautiful object. Each 15c.

Redwing—Short tube and bright-red sepals; short and broad, double, rosy-purple corolla, flaked with carmine. Each 15c.

Sunray—A handsome, variegated foliage Fuchsia, extremely ornamental; flowers, carmine. Each 20c.

Surprise—Waxy-white tube and sepals; corolla, pale magenta, with dark border. Each 15c.

Sylvanus—Short tube and long rosy-crimson sepals; bluish-purple corolla. Each 15c.

Storm King—A perfect gem; dwarf habits; sepals, dark carmine; corolla, white, shaded rose; a magnificent large, double variety. Each 20c.

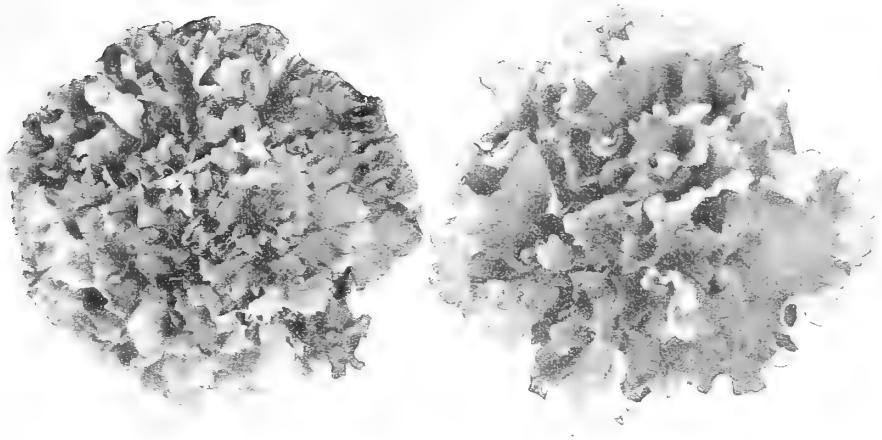
HELIOTROPES

THE THREE NEW HELIOTROPES FOR 50c

Albert Delaux—Foliage is a bright golden yellow; deep lavender flower. Each, 20c.

Sapphire—Vivid, royal purple, with a white center. Each 20c.

The Virgin—Superior white variety. Each, 20c.



FRINGED DOUBLE PETUNIAS

We have on hand a good collection of Double Petunias, some of them of the most beautiful shades of crimson, white, rose, maroon, etc., others blotched, striped, veined, bordered, marked and fringed in the most beautiful manner imaginable. This collection is without doubt the finest in the United States. 15 cents each; $1.50 per dozen.

Clio—Pure white with crimson mottled center.

Diana—Beautiful crimson and white.

Elvira—Pure white mottled carmine center.

Excelsior—White mottled crimson and purple.

Juno—Bright rosy carmine mottled with white.

Lilian—Carmine, edged white.

Picco—Rosy crimson edged with white.

Quadra—Rosy-lilac, fringed, distinct.

Rita—Pure white, carmine blotch.

Talisman—Fine heavy flower, very full and double, pure white mottled with crimson in the center.

Trophy—Pure white with crimson, splashed center.

Vancouver—Pure white, shading off to carmine.

Victoria—Tender rose, blazed carmine, large and fine.

White Fawn—Pure white, fringed.

CLIMBING PLANTS

Ampelopsis Veitchii—A great improvement on the old Virginia Creeper; fast growing in the shade or sun. Each; 15c; four for 50c.

Australian Pea Vine—Pink flowers; fast growing. Each, 15c; four for 50c.

Bignonia—These are rapid growing climbers, particularly adapted for a dry, hot climate. Each 25c; large plants, 50c.

Bougainvillea—The finest climber for the South; beautiful pink flowers. Each 50c.

Clianthus—Scarlet parrot's bill; fast growing, very bright. Each, 20c; 3 for 50c.

HONEYSUCKLES

English Woodbine, Japanese and Chinese; all very fragrant. Each, 20c; 3 for 50c.

HARDY ENGLISH IVY

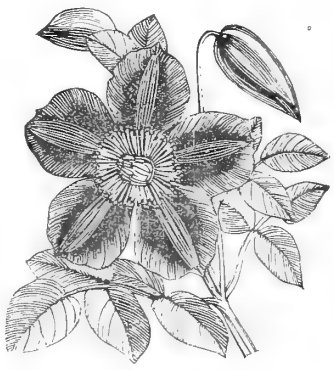
This is the variety used for covering walls, etc.; invaluable on account of its remaining evergreen all the year, and on this account has become very popular for covering graves in cemeteries. Large plants, 25 cts,; $2.50 per doz.

JASMINE GRANDIFLORUM

Plant is of shrubby, half-climbing habit, with very delicate foliage, and its small, star-shaped, fragrant flowers are produced in the greatest profusion all the year round. Yellow and white, very fragrant; 25c.

CLEMATIS

Large flowering, eleven varieties; they are the fashionable flower of the day; very showy. Each, 75c.



CLEMATIS JACMANNI

Alba Magna—Pure white.

Amelia—Lilac-blush, large and handsome.

Countess Lovelace—Bluish-lilac, rosette-shaped.

Imperatrice Eugenia—Large flowers, of a pure white.

Jackmanni—Large, rich, violet purple; a free-bloomer.

Coccinea—A very handsome hardy climber, bearing thick, bell-shaped flowers of a bright coral-red color; blooms with wonderful profusion from June until frost.

Mrs. James Bateman—Pale lavender, large and full.

Clematis Flammula (*Virgin's Bower*)—A general favorite where a hardy, rapid growing vine is desired. Its small bright green foliage is almost hidden by clusters of small fragrant white flowers. Each, 25c; 5 for $1.00.

Clematis Paniculata—A Japanese climber recently introduced into this country, of unusual and attractive merits. Rapid grower, foliage of a glossy rich green; the flowers are of a medium size, pure white and of most delicious fragrance. Strong plants, 50c.

SMILAX

This beautiful climber is a great addition to our basket plants, possessing the rare qualities of delicate and tolerably dense foliage and vining habit, admirably adapting it to clinging or drooping, as may be required. For using as a green with cut flowers, has no equal, its hard texture enabling it to keep for several days without wilting after being cut. It is also fine as a parlor or window plant. Each, 10c; 3 for 25c.

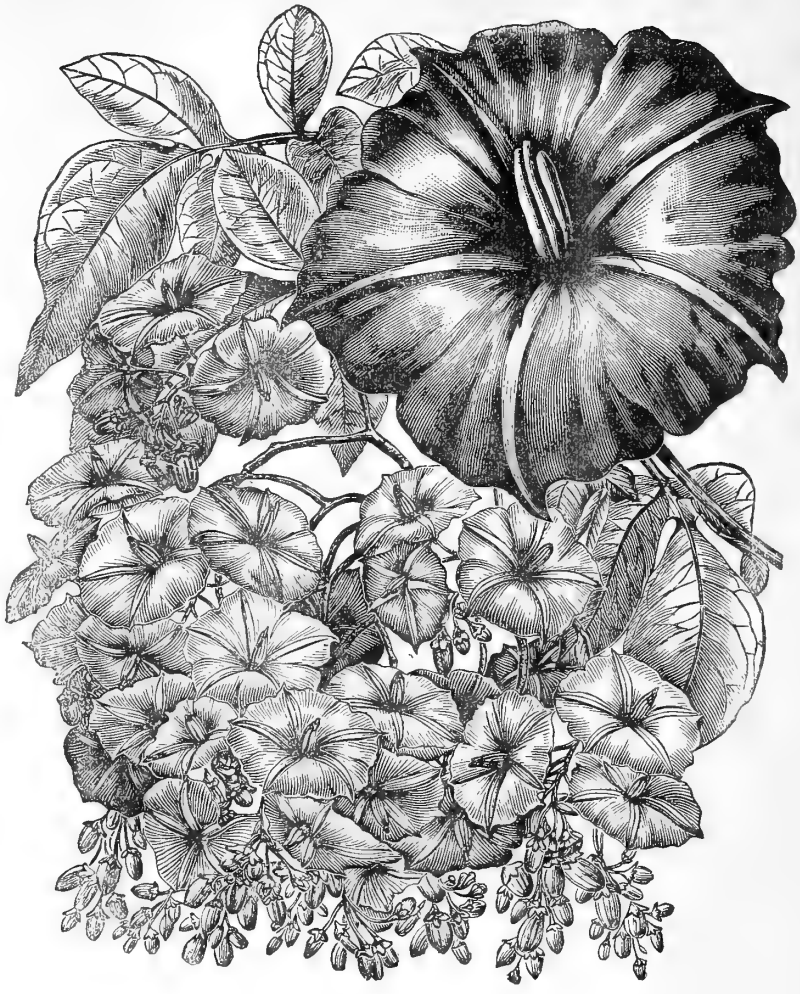
SOLANUM JASMINOIDES GRANDIFLORA

SOLANUM JASMINOIDES GRANDIFLORA

A most beautiful new plant, which inclines to a trailing or climbing habit, but never attains a greater height than from six to eight feet. Its flowers are star-shape and borne in good size panicles or clusters. In color they are pure white with a violet tinge on back of petals and on the buds. A grand plant for out-door culture or for pots. Each, 15c; 3 for 35c.

SOLANUM AZUREM

Certainly one of the finest plants lately introduced. Every one is well acquainted with Solanum Jasminoides and its merits are greatly appreciated, yet in "The Blue Solanum" we have a far superior plant in every respect. It is of robust growth, soon making fine specimens that will climb over and cover a trellis with the most handsomely cut foliage. Its flowers are of a fine deep azure-blue and borne in large dense panicles and are extremely beautiful and are produced most of the time during the entire year. It is a splendid pot plant as a climber for the window or conservatory. Each, 20c; 3 for 50c.



SOLANUM WENDLANDI MAGNIFICUM

SOLANUM WENDLANDI MAGNIFICUM

A rare and beautiful species of climbing habit, beginning to flower early in July and continuing in full bloom until cut down by severe frost. This was one of the most highly admired plants in our trial grounds the past summer, attracting attention at once on account of the large size of its flowers, which are over two inches in diameter, and are produced in large clusters, frequently over one hundred flowers being on one truss. Color, a mauve blue of a distinct and pleasing shade. Small plants 30c each; 4 for $1.00.

SCARLET PASSION VINE

One of California's most brilliant climbers. It will in three years reach the top of the tallest trees, completely taking possession. With its handsome foliage and vivid scarlet flowers it is wonderfully effective. Each. 25 cents.

TACSONIA BUCHANI

A beautiful perennial, climbing plant, having very large, pink flowers. Each, 25 cents

TACSONIA VON VOLEXMI

This beautiful climber flowers most abundantly for almost the whole year; the flowers individually are about five inches in diameter and of the richest scarlet. One of the finest of the Passion Flower Family. Each, 25 cents.

COBOEA SCANDENS

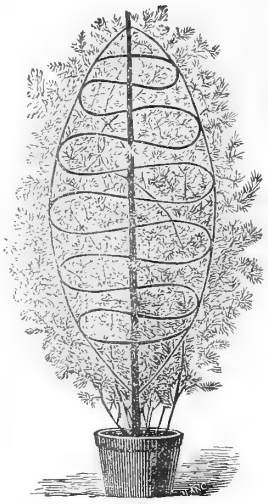
An exceedingly showy free blooming climber, with immense bell-shaped blossoms, which are produced freely the entire season.

ASPARAGUS PLANTS

Asparagus plumosus—An elegant new climbing species, with flat fern-like leaves. Small plants, 30c; large plants, 75c.

Asparagus tennuissimus—Is a very pleasing house plant; its graceful branches are freely produced and take the place of Smilax. 25c.

Asparagus Plumosus Nanus—The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh, surpassing Maiden-Hair Ferns in grace, fineness of texture, and richness of col o Small plants, each, 50c.



ASPARAGUS TENUISSIMUS

SWAINSONIA ALBA

A plant which is becoming very popular for house culture. Foliage as graceful as an Acacia; flowers pure white, produces in sprays of twelve to twenty flowers each and resembling Sweet Peas. It climbs readily and is splendid for the window garden or it may be grown as a bush plant by trimming it back as it grows. Responds readily to good care. Each, 20c; dozen, $2.00.

NEW SWAINSONIA—PINK

Same as the above, with bright pink flowers. This is the only true pink variety. Price, 20 cents each; the two Swainsonias for 30 cents.

WAX PLANT

Splendid for pot culture, a most desirable plant for the house and one that should be in every collection. It is something of a climber, with thick, heavy leaves; flowers are large, star-shaped and of a beautiful light cream or flesh color; the centre of each blossom having a small spot or blotch of a lemon-yellow shade, which adds greatly to the beauty of the flowers. Each 15c; 4 for 50c.

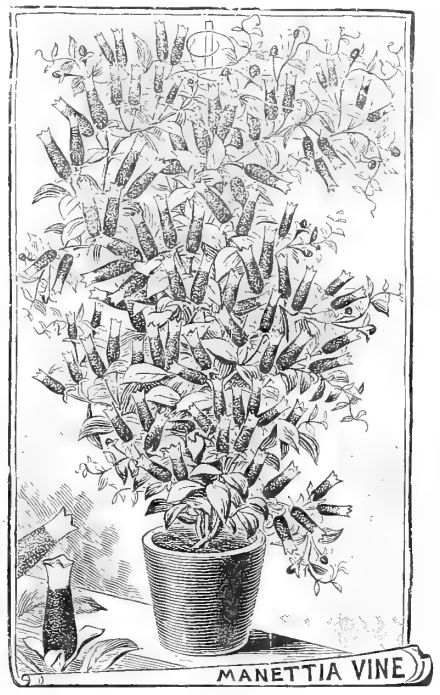
CHINESE WISTARIA

One of the best of all hardy climbers, when in bloom a magnificent appearance.

Wistaria Sinensis—A variety producing thousands of delicate violet blue blossoms. Small plants, 25c each; large grafted 4-year-old plants, $1.50 each.

Wistaria Sinensis Alba—A fine variety, with pure white flowers, same as the preceding. Large 4-year-old plants. $1.50 each.

Madeira Vine Roots—Each, 5c; 6 for 25c.



MANETTIA BICOLOR

The most wonderful new vine or plant that has yet been produced. It blooms in winter as well as summer. It is both a rapid and beautiful climber. The flowers are from an inch to an inch and a half in length and of a most intense bright scarlet, shading into flame, tipped with the deepest golden-yellow and covered with a thick scarlet moss. Small plants, each, 15c; 4 for 50c.

MANETTIA CORDIFOLIA

This is entirely distinct from Manettia Bicolor and is one of the most showy and attractive of summer vines. Of rapid growth, with deep green foliage and a wonderful profusion of crimson-scarlet tubular flowers one and a half inches long, which are borne on longer stems than the ordinary Manettia, and when grown on a trellis all the flowers grow outward so that the whole surface is a mass of crimson scarlet of a most pleasing shade, and of a sharp contrast to the foliage. 15c each.

PLUMBAGOS

New Pink Plumbago, Sanguinea—The light blue, deep blue varieties are well-known favorites, but with the new variety Sanguinea we have something that is entirely distinct and the prettiest of all Plumbagos. The trusses of bloom are larger than in the old varieties, often measuring ten inches in length, and of the loveliest bright pink or deep rose. Price, 35 cents each.

Plumbago, capensis—Can be trained as a bush or climber; flowers light sky blue, produced through the entire summer. Stands drought and water and the brightest sunshine. Price, 25c each.

THE HARDY MOONFLOWER

FLOWERING PLANTS

For the House and Garden

SMALL PLANTS BY MAIL, POSTPAID

Aloysia—Citriodora—(Lemon Verbena)—Foliage delightfully fragrant. Price 10c each; large plants, 50c.

Agapanthus—Umbellatus—(Blue Lily of the Nile)—A splendid ornamental plant bearing large clusters of bright, blue flowers on long flower stalks. 35c and 50c each.

Agapanthus—Umbellatus Albus—A beautiful white-flowering variety of the above. 50c and $1.00 each.

Auricula—These neat Alpine plants deserve more extensive circulation. They are easily taken care of, and in Germany or England no one would do without them. 15c each.

Aspidistra—Lurida—Is a most desirable house plant. It will thrive in any position and in any soil, and always looks well. Small plants, 25c; large plants 50c and $1.00 each.

Astilbe—Japonica—(Spiræa Japonica) —Splendid for outside flowering or forcing. Flowers white. 25c each; $2.50 per dozen.

Anemone—Japonica—One of the most desirous hardy herbaceous plants. As a cut flower we consider the Anemone invaluable. Pure white, with yellow center and dark eye. Very free bloomer. Each, 25c.

Bouvardias—Valuable plants for house culture, producing large clusters of white, pink and scarlet flowers. Each 25c.

Jasmine—Grand Duke—This Jasmine can be grown by anyone; it is a good plant to bed out of doors; stands the hottest sun; flowers are double and sweet-scented. Each, 25c.

HARDY MOONFLOWER

IPOMŒA PANDURATA

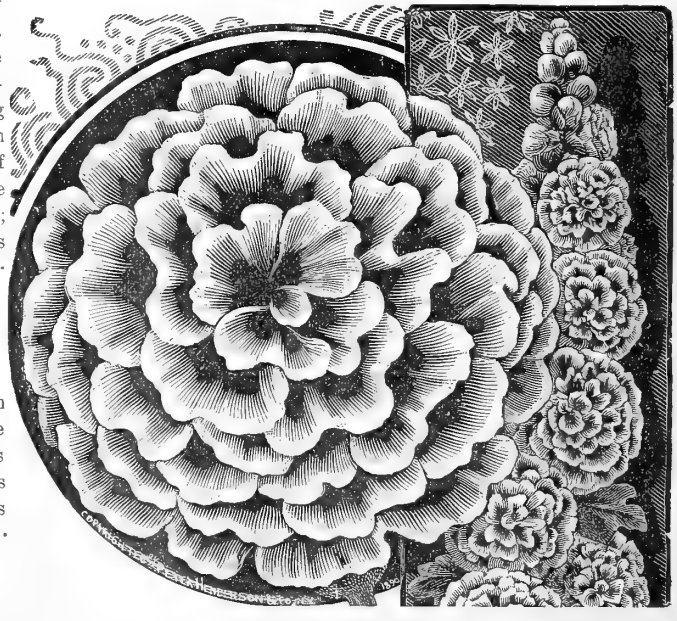
This beautiful climber is tuberous rooted, perfectly hardy, and will therefore increase in size and beauty with each season's growth. The flowers are very large from 4 to 6 inches in diameter, pure white, shading to pink, with a handsome purple throat; and they are produced in such wonderful profusion that a well established plant will have hundreds of these magnificent blooms upon it at once, making a grand sight. The flowers open in the daytime and last for several days without fading; they are larger and more showy than the ordinary Moonflowers. It has so many excellent features it will become more desirable than any other. Large roots, by mail, 25c each.

GIANT MORNING GLORY

Ipomœa Learii—This makes a splendid companion to the White Moon Flower. It is equally rapid in growth and as free-blooming as the white variety, although blooming in the morning and dull days. The flowers are the most intense blue, with reddish-purple rays and are 6 inches across. There is nothing of its color that exceeds in richness the flowers of Ipomœa Learii. Culture is the same as for the Moon Fower. Each 25c.

MOON FLOWER

Ipomœa Bona Nox—Large flowering Evening Glory. A vine of rapid growth, with beautiful white flowers which open in the evening. They grow 20 feet high. Each 25c.



HOLLYHOCKS

We offer a fine assortment in separate colors. Each, 15c; 8 for $1.00.

CAMELLIAS

Camellias are acknowledged to be the finest Winter-flowering shrubs in cultivation. They will grow freely in any fair garden soil and require but little attention after the first year after planting. They must not be allowed to become too dry until they are well established. The plants we offer are perfectly healthy, well-rooted and two and three years from the graft. Red, White, Pink, Variegated at 50c to $1.00 each; $5.00 and $10.00 per dozen.

BEGONIA METALLICA

Begonia Metallica—A fine, erect-growing Begonia, with dark, rough leaves, the surface is a lustrous, bronze-green, with a metallic-like hue, veins depressed and dark red; wide, underside of leaves and stem hairy. The panicles of unopened buds are bright red, covered with glandular red hairs, like a surface of plush. When open it is a waxy-white. Perfectly distinct from any other Begonia. Each, 15c.

Hibiscus Sinensis—A beautiful class of greenhouse shrubs, with handsome glossy foliage and large, crimson and yellow flowers, often measuring four inches in diameter. They succeed admirably bedded out during the summer. Small plants 20c; Large two-year-old plants, $1.00.

Cape Jessamine (*Gardenia Florida Fl. Pl.*)—These beautiful flowers have only lately won their way to public notice, and they well deserve their popularity. They are evergreen shrubs which make excellent house plants, growing and thriving in a tub or pot wherever an Oleander will grow. The flowers are double, pure white and produced in succession from May to October, and are believed to be the most fragrant known. Leaves, glossy-green. Each, 50c.

COLEUS

COLEUS

The Coleus will give more pleasure at less cost than any other plant. Space will not permit us to describe the many beautiful markings and various shades of color of this well-known and handsome plant. The varied tints of crimson, gold, bronze and green, richly blotched, veined or margined, produce a brilliancy of color unequalled. Collection of thirty of the most distinct sorts out. Each, 10c; dozen, $1.00.

MEXICAN PRIMROSES

A remarkably free flowering plant of low spreading growth, seldom growing over ten inches in height, but inclines to a trailing habit, spreading its branches out over the ground or drooping over a pot. Flowers about two inches in diameter, of a clear pink color, veined with scarlet, with a white center. Excellent for pot or basket culture, being almost constantly in bloom.

Apple Blossom—White tinted blush, and corded with satin pink; lovely. Plants, 10c each; 3 for 25c.

Charming—Lovely bright deep pink, veined scarlet and with a white center. Plants, 10c each; 3 for 25c.

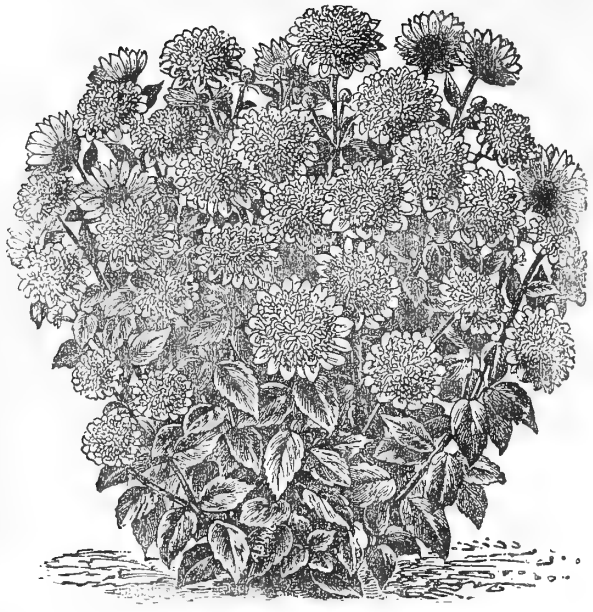
Snowflake—Large, a pure white, grand. Plants, 10c each; 3 for 25c.

SALVIAS

Patens—Deep blue, the finest color imaginable. 15c.

Splendens—Scarlet flowers, continuous bloomers. 15 cents each.

Coccinea—Bright scarlet flowers. 15 cents.



THE DOUBLE

GOLDEN SUNFLOWER

HELIANTHUS MULTIFLORUS

A double perennial "Sunflower." It is a great addition to our hardy herbaceous plants. Its dark, golden-yellow color, is both fashionable and beautiful for cut flowers, and planted singly or in clumps on the lawn, it gives a splendid effect. The plant grows about three to four feet high, bearing numerous large golden heads as large as Dahlias and continuing in bloom until frost, and will be much prized as corsage flowers. Give it a trial and you will be surprised and delighted to find how beautiful it is—needs never to be replaced, as it is hardy perennial, coming up every year. Price 10c each; 3 for 25c.

BEDDING PLANTS

Achryanthus—Bright dark-red. Each, 10c; doz., 75c; 100, $3.00.

Alternantheras—Very dwarf red and crimson. Each, 10c; doz., 75c; 100, $3.00.

Border Pinks—Dozen, 50c.

Centaurea—Pure white. Dozen, 50c; 100, $3.00.

Daisies—Double; all colors. Dozen, 50c; 100, $3.00.

Echeveria (*Hen and Chickens*)—Dozen 50c; 100, $3.00.

Golden Feather—Dozen, 50c; 100, $3.00.

Geraniums—Bronze and silver. Each 10c; doz., $1.00; 100, $7.00.

Lobelia—Dwarf blue. Doz., 50c.

Polyanthus—Garden Primrose. Each, 10c; dozen, $1.00.

Sea Pink (*Armeria*)—Very dwarf, requiring no trimming; flowers, rosy-pink. Dozen, 50c; 100, $1.00.

Scotch Moss—Very dwarf; splendid for edging. Square foot, 50c. One square foot would make an edging twenty-five feet long.

Cox's Mammoth Verbena—The flowers are very large, of brilliant colors, and have large, distinct eyes. We consider the Mammoth Verbena one of the very best new things offered for many years. In coloring they excel the old varieties, are of vigorous habit and free-blooming, and are the most attractive of the class. All colors. Each, 10c; dozen, $1.00; 100, $6.00.

PANSIES

Our Pansies are Unequalled for Size, Form and Color.

Cox's Prize Strain—The plants we offer we obtain from a noted grower in Belgium, seed of all his exhibition flowers, including almost every shade of color, exquisitely spotted and blotched, veined, mottled and margined, and fancy varieties, a strain so beautiful that no description or praise can do it justice, being unsurpassed for rich and varied colors. Each, 10c; doz., 75c; 100, $5.00.

Pansies—Young; transplanted once. Doz., 30c; 100, $2.00.

TUBEROUS ROOTED BEGONIAS

BEGONIAS

Tuberous Rooted—Ready for delivery in November. The wonderful beauty of this class of Begonias, and its adaptability to almost all situations, has made it a general favorite for both pot culture and summer garden decoration. They are now being used by thousands for bedding purposes. We offer the following distinct varieties:

Single Varieties—White scarlet, rose, yellow, dark blood-red or orange. Each, 10c; per doz $1.00.

Double Varieties—Red, white, rose or yellow. Each 20c; per doz $2.00.

Rex or Foliage Begonias—25c to 50c, according to size.

GLOXINIA

One of the choicest bulbs for pot and house culture. Beautiful trumpet-shaped flowers; violet, blue, rose and crimson. Each, 25c; doz $2.00.

CALADIUM

Caladium Esculentum—Its immense leaves lends a tropical appearance to collections, which is exceedingly effective; and for the center of vases it is almost without a superior, provided it receives rich soil and much water. It would be difficult to find another as beautiful and imposing decorative plant. Small bulbs 15c; large bulbs 25c.

CYCLAMEN PERSICUM

Extra fine; mixed; from a choice collection. Each 25c; dozen $2.50.

PRINCESS OF WALES

VIOLETS

These are one of our Specialties, Growing them in Immense Quantities

Princess of Wales—Princesse de Galles — This grand variety is of French origin, introduced some four years ago by a leading specialist, Mr. Francois Supiot PRINCESS OF WALES is far ahead of all other Violets, producing grand single flowers of a beautiful violet-blue color, and fully as large as the California, but appears to be nearly double the size, as all the petals open out flat, and has the advantage of flowering continually from September until April. It has taken a number of First Prizes in competition with California, and no doubt it is the best Violet on the market. So large are the flowers that some blooms will cover a silver dollar. Price 10c each; 75c doz; $3.00 per 100.

New Violet ("The California")—Plant vigorous and absolutely free from disease; flowers, immense in size; color, clear violet-purple (does not fade out); fragrance, intense; flowers borne on long stems, 10 to 14 inches in length. Doz 50c; $2.00 per 100.

Violet, "Marie Louise"—The well-known double light-purple variety. Doz 50c; $2.00 per 100.

Violet, Swanley White — This fine Violet is undoubtedly the best white variety known. Vigorous and healthy, bearing in great profusion large, snowy-white, double flowers, exquisitely fragrant. Doz $1.00; $4.00 per 100.

DOUBLE GOLDEN MARGUERITE

Nothing could be more showy, either as a pot plant or bedded out. It is a perfect mass of rich golden yellow flowers the whole year round, being equally as useful in winter as summer. Price, 20 cents each; 3 for 50 cents.

LANTANAS

The bright colored flowering plants, of all shades except blue, are continually one mass of blooms, and are rarely seen in our gardens. We have a very fine collection of them at 25 cents each; 5 for $1.00, assorted colors.

JAPANESE TREE PÆONIES

The finest of all Pæonies. Like most Japanese importations, quite hardy and remarkable for their great perfection of flowers, both in size and richness of color. They grow to the size of a large shrub, increasing in vigor and size of flowers season after season. Choice imported varieties. Each, $1.00; $9.00 per doz.

Pæonies—Hardy, Herbaceous—Herbaceous Pæonies are among the showiest and most useful plants, and are becoming popular with the public. They are all hardy and admirably adapted to our climate, growing well in almost any situation or soil, although the flowers will be finer and the color brighter if planted in a deep, rich loam, well manured. We offer a splendid assortment in twelve distinct varieties. Price 30 cents each; $3.00 per dozen.

STROBILANTHES DYERIANUS

This plant will undoubtedly become universally popular on account of its brilliant and exquisite coloring, its extraordinary growth and usefulness as a decorative plant. It surpasses the finest Coleus, Begonias or Bertelonias in the exquisite coloring of the leaves, besides which the long racemes of lovely violet blossoms with which the plant is covered in midwinter, greatly enhance its value, beauty and usefulness. The undulation on the surface of the foliage is furnished with a blush metallic hue, shading into light rose with a light green margin. It will prove a valuable acquisition, both as a bedding and decorative plant. See illustration. Small plants 25c each.

DAHLIAS

CHOICE DOUBLE DAHLIAS

CHOICE CACTUS DAHLIAS

20c Each; $2.00 per Doz.

Beauty of Arundel—Crimson, shaded with bright rosy-purple.
Harry Freeman—Snow white.
Honora—Pure Yellow.
John Bragg—Black maroon.
Mrs. Glasse—Crimson maroon, shaded to scarlet.
Mrs. Hawkins—Sulphur yellow, tinted red.
May Barry—Rosy lake.
Oban—Delicate fawn color.
Professor Baldwin—Orange scarlet.
Panthia—Rich, reddish salmon.

LILIPUTIAN OR BOUQUET DAHLIAS

20c Each; $2.00 per Doz.

Camelliaflora—One of the finest white Dahlias in cultivation; flowers of medium size and beautiful form.
Hindoo—Bright orange red.
Guiding Star—A grand variety, producing its pure white flowers, of exquisite shape, in the greatest profusion.
Gem of the Liliputs—Dark scarlet,
Kline Domitea—Buff yellow, marked with red.
Little Cupid—Maroon pompone.
National—Deep yellow, edged with crimson pompone.

Choice Double Dahlias—The following are among the very best, freest blooming and distinct Dahlias in cultivation. Every one is perfection in every respect. They are the best of their color. Of all these we have a good stock of pot-roots, and strong field roots, with which we shall fill orders; but should our stock of these become exhausted, we will send in spring, strong, thrifty green plants which can be put out for immediate growth and bloom. It matters not which you get, pot or field roots, or green plants. They are all carefully selected, strong and vigorous, and will do equally well.

20c Each; $2.00 per Doz.

Cardinal—Deep scarlet.
Coronet—Mottled yellow and red.
Doodas—Clear yellow.
Duke of Rochester—A golden yellow, shaded brown.
Garibaldi—Blackish crimson.
Mr. Thompson—Buff, striped with maroon.
Princess Alice—Large, lilac.
Thos. Brooks—Dark crimson.
Geo. Smith—Bright magenta, of good form.
White Dove—Pure white, very fine.
Vesuvius—Light, dazzling scarlet.

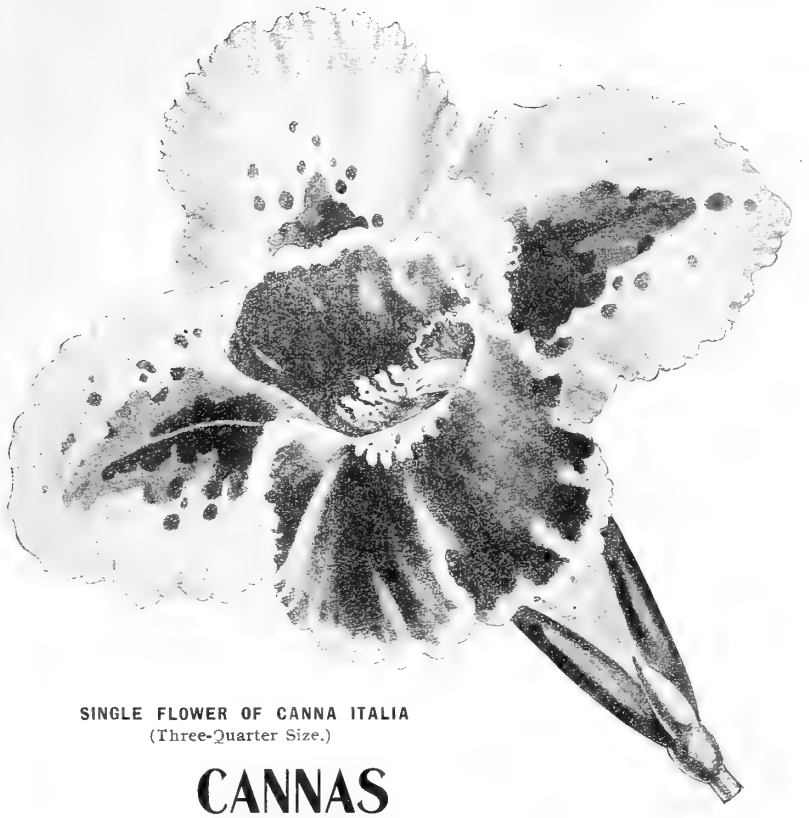
SINGLE DAHLIAS

20c Each, $2.00 per Doz.

Varieties from a carefully selected collection. White, red, crimson, striped maroon, yellow, creamy white, cherry red, red tipped with white.

TRITOMA GRANDIFLORA

Tritoma—Uvaria Grandiflora (*Flame Flower*)—A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker;" effective among shrubbery; 25c each; $2.50 per dozen.



SINGLE FLOWER OF CANNA ITALIA
(Three-Quarter Size.)

CANNAS

Cannas are without doubt, among the finest of ornamental plants, producing large, bold foliage of various shades of green and dark metallic hues while the flowers are massive and range from orange, yellow and scarlet, deep crimson and magenta. They are particularly suited to our climate, only requiring abundance of water and much to produce a grand sub-tropical effect, as well as color and character to our gardens, and they will flower the whole summer through.

Italia—Is a much deeper golden yellow, the center of each petal being marked with scarlet. The cut shows the distribution of the different colors. Each, 30c.

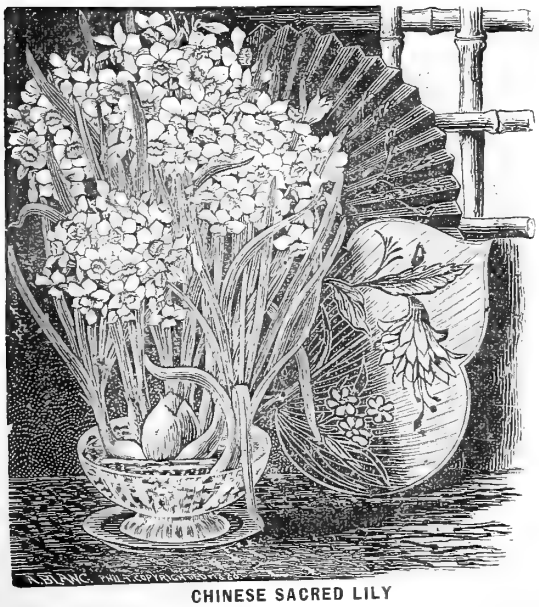
Austria—Is a bright golden yellow with the faintest possible scarlet markings on one of the petal—so faint that it is safe to call it a perfectly pure yellow—the slight markings of scarlet being invisible at any distance. Each 30c.

The New Yellow Canna—Burbank The new California Hybrid with giant, orchid-like flowers. This variety was raised by Luther Burbank of Sonoma County, California, the originator of many valuable fruits, flowers and vegetables. Flowers are of gigantic size, the three upper petals spreading fully seven inches, and are of a rich canary yellow with a few carmine spots in the throat. A magnificent novelty. Each 50c.

Madame Crozy—The plants have a tropical luxuriance of foliage. The flowers are flaming scarlet bordered with gold, having all the delicacy and beauty of the rarest Orchid. Each 20c; 3 for 50c.

Queen Charlotte—Gilt-Edged German Canna—A very fine variety of German origin and will no doubt be the most popular of the new varieties. The plant attains a height of about 3 feet with heavy, bluish-green foliage; the enormous flower spikes above the foliage, bear a bouquet of large flowers; petals of a velvety grenade blood-red, broadly banded with bright yellow. Each, 25c

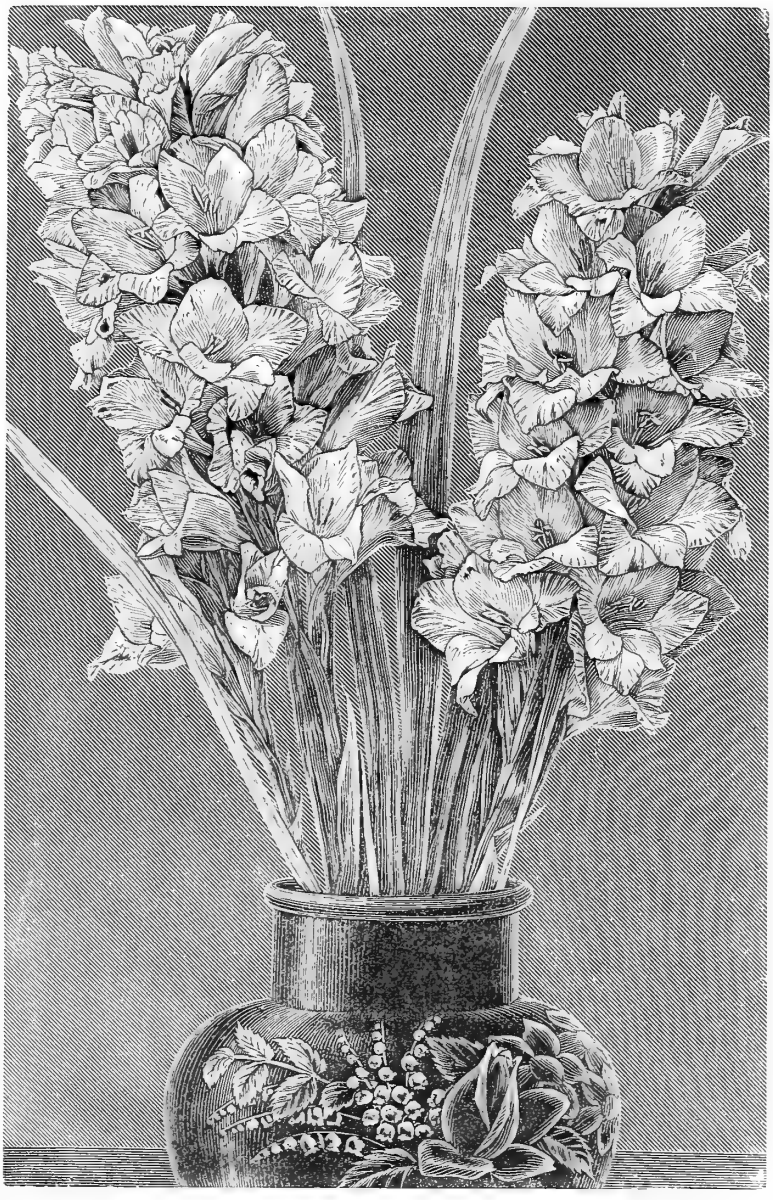
Ventura—One of the finest Cannas yet offered, 5 inches across; a self color, a beautiful blending of scarlet and carmine, not crowded, but each flower standing out from the stem and drooping in the most graceful manner; petals 1¼ to 1½ inches across by 3 inches long; foliage rich green with dark line on edge; a persistent bloomer, every little shoot giving large plumy blossoms; height 3½ to 4 feet. Each, 25c; 5 for $1.00.



CHINESE SACRED LILY

SACRED LILY

THIS variety is the Tazetta, or bunch flowering Narcissus, and is the sort grown extensively by the Chinese for use in their New Year festivals. The bulbs we offer are very large, averaging three to four inches in diameter, and they throw up several stems when well grown, the flowers are produced in profusion. Flowers are pure white, with a lemon or orange cup. The Chinese method is as follows: Fill a bowl, or some similar vessel, with pebbles, in which place the bulb, setting it about one-half its depth, so that it will be held firmly, then fill with water to the top of the pebbles and place in a warm sunny window. The bulb will at once commence a rapid growth and bloom in two or three weeks. Bulbs are hardy, and bloom well in open ground. Each, 15c; per doz $1.50.



Duchess of Edinburgh—An eminent English culturist describes this variety as follows: "A flower of fine form and great substance; a plant of strong growth, attaining a height of six feet. Purplish-rose, with a carmine stripe on the lower divisions; without exception the finest variety ever sent out."

Grand Rouge –Enormous spike, and flower of the most perfect shape and intense scarlet, with small violet blotch in throat. The grandest of all scarlets.

John Bull—White, slightly tinged with sulphur.

Lamarck (De)—Cherry, slightly tinted with orange, blazed with red; center is very well lighted; very large, pure white stain.

Martha Washington—Light yellow, of large size, in a well arranged spike; lower petals tinged with rose.

Mlle. Maries Mies—Delicate rose, flamed with carmine; slight blotch of rosy-purple; dense spike.

Penlope — Blush-white; lower petals tinted yellow, streaked carmine.

Pepita—Bright golden yellow flowers, slightly striped carmine at the edges of the petals, toward the end of the flowering season.

Snow White—All that need be said about this grand novelty is, that it is absolutely *pure snow white*, the only pure white Gladiolus in existence. It also has large, well-open flowers, and an enormous spike of the most perfect and beautiful shape. Each 15c; per doz. $1.50.

Richard Cœur-de-Lion—Fine spike of large flowers of a bright crimson-red color flamed and edged with garnet; lower petals spotted and blotched golden-yellow. Each 15c; per doz. $1.50.

Grand Mixed Gladiolus—Very fine varieties of various shades of red; per doz. 40c; per 100 $2.00. Very fine varieties of light colors and white; per doz. 50c; per 100 $3.00. Very fine varieties of rose colors; per doz. 75c. Very fine varieties of yellow; per doz. $1.00.

Mixed Lemoinei Hybrids—Per doz. 60c.

GLADIOLI

NAMED VARIETIES. EACH 10c; PER DOZEN $1.00, EXCEPT WHERE NOTED

Addison—Dark amaranth, with white stripes.

Africain—Darkest crimson black, with a pure white blotch in the throat. The darkest and one of the finest colors; large flower and spike.

Ajax—Beautifully striped.

Angele—White, showy and effective.

Amalthee — Pure white, with violet-red blotch; ground of the corolla velvety-violet, the lower petals slightly tinted with lilac.

Archduchess Marie-Christine—White, slightly tinged with lilac, flamed rosy-carmine.

Cameleon—Compact truss of large slaty-lilac flowers, flamed orange, with white bands down the middle of each petal; large, creamy-white blotch, streaked violet. Each 15c; per doz. $1.50.

AMARYILLIS BELLADONA

AMARYLLIS

Amaryllis Belladonna—This splendid species is perfectly hardy, with lovely pink flowers. Plant the bulb six to eight inches deep in sand with good fibrous loam pressed around it, and do not disturb for years. After they become established they will give grand masses of bloom. Each, 25c.

Amaryllis Equestre (Equestrian Lily of Barbadoes)—Fine flower of good size; orange-red in color with green star in center; free bloomer and very striking. 25c.

Amaryllis Johnsonii—A very popular variety, wine-red, with a white stripe down each petal; an early and abundant bloomer; a specially robust grower. Each, 60c.

Amaryllis Hybrida—Large; crimson, white striped. Each, 50c.

Amaryllis Vitatta—Handsome species, bearing white flowers with deep rose-colored stripe through the center of the petals. Each, 50c.

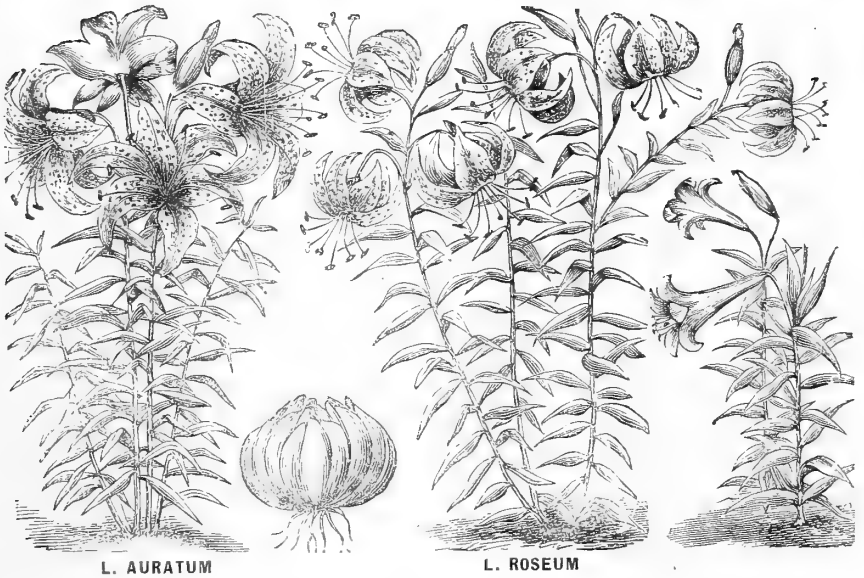
CRINUMS

Crinum Fimbriatum (or Milk and Wine Lily)—A grand sort, almost as beautiful as *Crinum Kirkii*, but its bulbs do not grow as large, and its strong growing foliage is erect and sword-shaped. Flowers in umbels, very large and showy, 3 to 4 inches in diameter; striped with white and carmine and very fragrant. Fine bulbs, 25c each; large size, 35c each.

Crinum Kirkii—This magnificent bulb produces flowers of the greatest beauty. Its leaves are wavy-edged and radiate in the form of a rosette. Usually two flower stalks, each 2 or more feet tall, and of a dark purplish color, are sent up at the same time, each bearing a large umbel, consisting of a dozen or more large lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish-purple stripe down the center of the outside of each and showing through faintly on the inside. 35c each; large bulbs 50c each.

Crinum Americanum—An evergreen species of the easiest culture; is best grown as a pot plant. Crinums bloom best when somewhat pot-bound. Its large white, exquisitely fragrant, lily-like flowers are produced in an umbel and borne on a tall stem; needs rich, moist soil. It can be kept growing and blooming (at intervals) the year round. Our bulbs are collected in one particular locality, where they grow much finer and larger than any we ever saw offered in the East. We offer fine blooming bulbs at the low price of 30c each; 3 for 75c.

HARDY LILIES



L. AURATUM L. ROSEUM

L. HARRISII

The Lily has long been celebrated for its rare and chaste beauty. No plants capable of being cultivated out-of-doors possess so many charms; rich and varied in color, stately and handsome in habit, profuse in variety and of delicious fragrance. With a well-selected collection Lilies may be had in bloom from June to October. They should be planted in the fall, from October 1st, as long as the ground can be worked, and in spring as soon as frost is out of the soil until the 15th of May. The bulbs of all Lilies should be planted about six inches deep. If Lilies are to be sent by mail add 25 cents per dozen for postage.

Auratum — This magnificent variety has become one of the standard favorites of the flower garden, and is considered by many the finest of all Lilies, their immense blooms measuring nearly a foot in width when fully expanded. The flowers are produced in great profusion and are deliciously fragrant. Extra large bulbs 25c each; $2.00 per doz; $15.00 per 100. Bulbs of fine quality 15c each; $1.50 per doz; $10.00 per 100. Small bulbs, blooming size, 10c each; $1.00 per doz; $6.00 per 100.

Harrisii—Bermuda Easter Lily. A well-known beautiful white Lily. Trumpet shaped; very early flowers produced in abundance and are very fragrant. 10c each; 75c doz; extra size 15c each; $1.00 per dozen; $10.00 per 100.

Candidum—The old pure white garden Lily. This Lily should be planted in August and September. 10c each; $1.00 per doz; $6.00 per 100.

Humboldtii—A remarkably fine variety, freely producing fine large flowers of a golden-yellow color, spotted with purple. 25c each; $2.50 per doz.

Longiflorum—A well-known, beautiful, snow white Lily; very fragrant. 10c each; $1.00 per doz; $6.00 per 100.

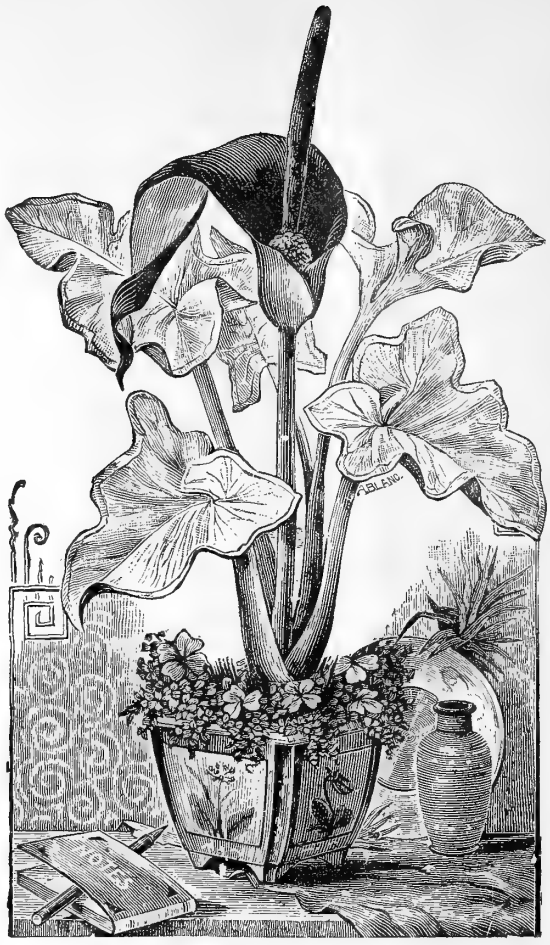
Speciosum Album—Pure white and very fragrant. Extra large bulbs 15c each; $1.50 per doz; $10.00 per 100; medium size, 10c each; $1.00 per doz; $6.00 per 100.

JAPANESE PINK SPIDER LILY

Japanese Pink Spider Lily—The Japanese Pink variety cannot fail to create a sensation. If planted in a warm, light position they will prove perfectly hardy. In California they would thrive freely and increase rapidly in the open air, without any protection whatever, blooming at the proper time.

As shown in our illustration, a clump of bulbs produces *a large number of spikes of the most delicate flowers*, varying in their colors from *pinkish-salmon to pink vermilion and scarlet*, the petlas being beautifully undulated, and by artificial light sparkling like jewels; an ornament indeed for the finest parlor. All lovers of the beautiful should certainly add this to their collection. Bulbs, each, 10c; 3 for 25c.

SPOTTED LEAF CALLA



ARUM SANCTUM—BLACK CALLA

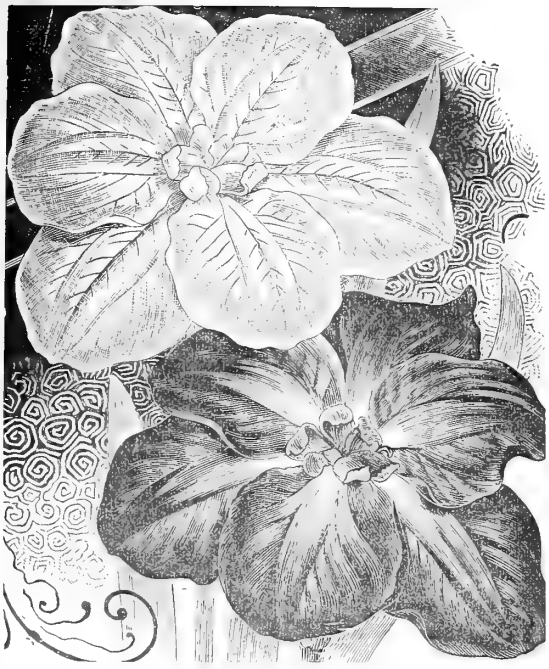
CALLAS

Black Calla (*Arum Sanctum*)—This magnificent and interesting variety resembles in habit and foliage the White Calla. The bulbs originally came from Palestine, growing about Jerusalem, which makes each plant a souvenir of the Holy Land. It is very difficult to properly describe the *Arum Sanctum*, and we regret we do not have a colored plate to aid us. The magnificent flowers are *sweet-scented* and often over a foot long, seven to nine inches across and so beautifully shaped and turned that they must have served as models for the exquisite vases and sculptures of the great ancient artists; color, the richest velvety black imaginable; spike or spadix rises ten to twelve inches and is ebony-black; splendid rich green luxuriant foilage. Can be as easily grown as a Calla Lily, but needing more room and richer soil. Bulb 15c; 2 for 25c.

White Calla—The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June to the last of August, repot in good, rich soil, using four to six-inch pot; give water, light and heat in abundance. Dry bulbs, each 15c; 4 for 50; dozen $1.25.

Little Gem—This is a dwarf variety of the old Calla Ethiopica, rarely ever growing over ten to twelve inches high; a plant that can be used with telling effect in many places where the tall Calla could not on account of its tall growth. It commences to bloom when very small, often two or three flowers from four-inch pot plant. 20c; 3 for 50c.

Spotted Calla (*Richardi Alba Maculata*)—The leaves of this variety are deep green, with numerous white spots, which gives the plant a very ornamental appearance. The flowers are pure white, with a black center. They grow freely, either in doors or out. 15c each; 4 for 50c; $2.00 per dozen.



IRIS KÆMPFERI

Iris Kæmpferi—Perfectly hardy. The newer varieties of this King of Iris, recently introduced from Japan, are marvels of beauty and stateliness. Think of a plant sending up to a height of three feet a dozen flower spikes, each spike bearing from two to four enormous blossoms eight or ten inches across, and of the most delicate and beautiful colors, markings and combinations. Think of a bed of all colors—white, indigo, violet, lavender, mauve, sky-blue, royal-purple, blush, yellow, etc. Your imagination can conceive of nothing grander, and when you see them you will realize they are infinitely more grand and beautiful than your imagination could portray. Such are these new Iris Kæmpferi, the king of hardy perennial plants. 20c each; six distinct varieties for $1.00, by mail post-paid.

Iris Germanica—One of the most brilliant and hardy types of Iris; large flowers, richly marked with violet, purple and bronze; broad-leaved. We have a fine assortment of varieties; very strong roots. $1.00 per dozen, by mail post-paid.

TUBEROSES

Dwarf Pearl—Its value over the common variety consists in its flowers being nearly double in size, imbricated like a rose, growing only eighteen inches to two feet. Per doz 40c.

AQUATIC OR WATER PLANTS

A great interest has recently sprung up in the cultivation of Water Plants. The pools containing these superb aquatics have been the center of attraction for admiring thousands. No class of plants introduced into the public parks all over the country during the past two or three years has created such a decided sensation as the three following magnificent ever-blooming Red, White and Blue Water Lilies. They can be grown from seeds as readily as Poppies or Balsams. Seeds planted from the first to the middle of March in teacups of soil and water will make fine little plants by the first of June, and if planted out then, either in tubs or a pool, will begin blooming in July.

Blue Zanzibar Water-Lily (*Nymphæa Zanzibarensis azurea*)—Plants from the seed of this magnificent variety will yield flowers varying from a light to a very dark, deep blue. The stamens of all are a bright golden-yellow tipped with the same shade of blue as the petals. The flowers open at about 7 A M. and close about 5 P. M., each flower opening four days in succession and giving off a most delightful odor. Seed, pkt 25c.

Red Zanzibar Water-Lily (*N. Zan. rosea*)—This is a superb and very rare variety of the blue, and like it in every respect except its color, which varies from rich pink to a deep rose, almost crimson in some specimens; the yellow stamens tipped with the same shade of red as the petals. Seeds, pkt 25c.

White Night-Blooming Water-Lily (*N. Dentata*)—This grand species opens its flowers at about 8 o'clock at night, remaining expanded until noon the next day. They are pure pearly-white, with petals expanded horizontally, so that the flowers are perfectly flat like a star, thus differing from all other varieties; odor most peculiar and agreeable. The seeds are longer in germinating than the others, but they are just as easy to raise. Seeds, pkt 25c. One packet each of the three sorts for 65c.

Nymphæa Odorata Gigantea—This is a gigantic form of the common White Water Lily. We have measured leaves of it which were twenty-two inches in diameter and flowers eight inches across. The leaves are very thich and heavy, and have their edges very curiously ruffled and in some instances turned up, forming a rim after the manner of the wonderful Victoria Regia. Flowers fragrant, pure white, with a golden-yellow center, and of decided cup shape, giving it a distinct appearance. Growing with the ordinary form of *Nymphæa odorata* it looks like a giant among pigmies and is undoubtedly the finest hardy Water Lily ever introduced. It will prove a valuable novelty, and we can furnish fine roots at 25 cents each.

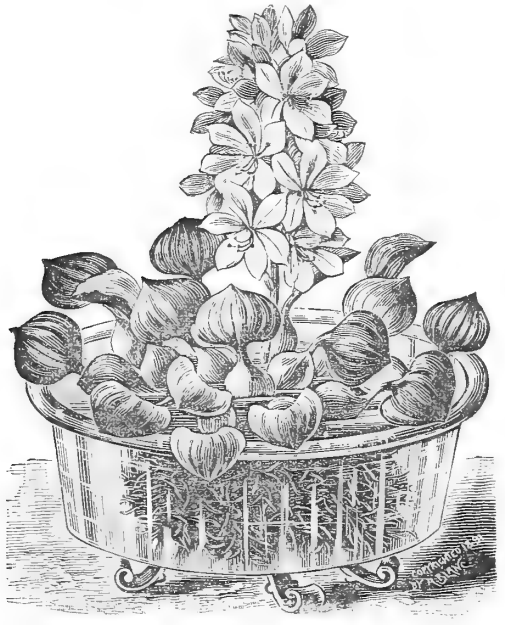
Nymphæ Flava—A genuine Water-Lily with yellow flowers, native of Florida and not found in any other part of the world. Leaves and flowers a little smaller than those of the common Water-Lily, the former beautifully variegated with brown, the latter bright golden-yellow and deliciously fragrant like the Lotus blossoms, but more delicate. Perfectly hardy at the North, but should have as warm a position in summer as possible. Fine roots, 25c each.

Nelumbium Speciosum (*Egyptian Lotus*)—The "sacred" Lotus of India and Japan, and lordliest of all the species. Its superb flowers and magnificent foliage produce a splendid sub-tropical effect. The leaves, which attain a height of six to eight feet above the water, are frequently from thirty-six to forty inches in diameter. The flowers, which are about a foot across when fully opened are of a deep rose color with a soft creamy-white at the bases of the petals; and their fragrance is unsurpassed. Flowering tubers $1.00 each, or $10.00 per dozen; extra size tubers, price $2.00 each.

Nymphæa Marliacea Chromatella—A charming variety The general habit of the plant is similar to Nymphæ Candidissima, and it succeeds admirably under the same conditions. The leaves are mottled with brown when in a young state, and its large, fragrant flowers, which are a beautiful clear yellow, with bright, orange stamens, are produced from early spring until destroyed by frost. A great acquisition. Price 75c each; $8.00 per doz.

American Lotus (*Nelumbium Luteum*)—One of the most tropical appearing plants in cultivation, though perfectly hardy. The immense flowers and the greater part of the gigantic leaves are borne high above the water, presenting a beautiful appearance. Flowers are fragrant, as large as a quart bowl, of a rich sulphur-yellow color. The first day they appear like gigantic Tea-Rose buds, but on the second day they open an immense Tulip or Magnolia, showing the exquisite arrangement of stamens within. Very easily raised from seed, which must have a hole filed or drilled through the shell to the kernel, but not into it. Per pkt 25c.

Parrot's Feather (*Myriophyllum Proserpinacoides*) — An acquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage as finely cut as the leaves of the Cypress Vine and much more delicate. Planted in a water-tight hanging basket so water can be kept standing on the surface of the soil, it will trail down over the sides in a most charming manner. In a tank or lake it prefers shallow water and will run about over the surface, the ends of the creeping stems standing erect, forming beautiful tufts or tassels. It can be grown in the tubs with other aquatics, and trained over the sides with beautiful effect. Each 10c; 3 for 25c.



WATER HYACINTH

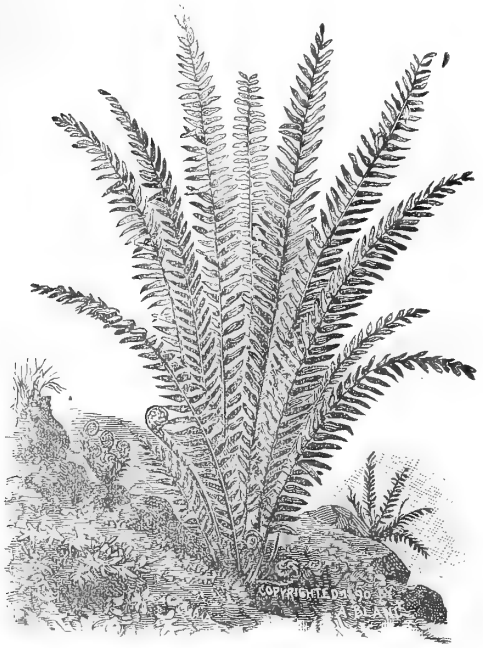
Water Hyacinth (*Eichhornia* [*Pontederia*] *crassipes major*)—Most exquisite flowers, resembling a spike of Hyacinth bloom, bu as beautiful as an Orchid. Each flower is as large or larger than a silver dollar; in color a beautiful, soft lilac-rose, sparkling as covered with diamond dust. The upper petal, which is the largest, has a large metallic-blue blotch in the center, and in the center of that a small, deep golden-yellow spot. In the window a beautiful effect is produced by using a glass vessel of some sort, with shells and white sand so arranged in the bottom as to conceal a small amount of soil. In the summer set a tub in the sunniest part of the yard, put two or three inches of soil in the bottom, cover with an inch or two of sand, fill full of water and drop the plant in. Keep the tub full of water and the hotter the sun and weather the more profusely it will bloom. Our cut of the plant and flowers convey but an imperfect idea of their beauty. Fine plants 25c each; 5 for $1.00.

UMBRELLA PLANT

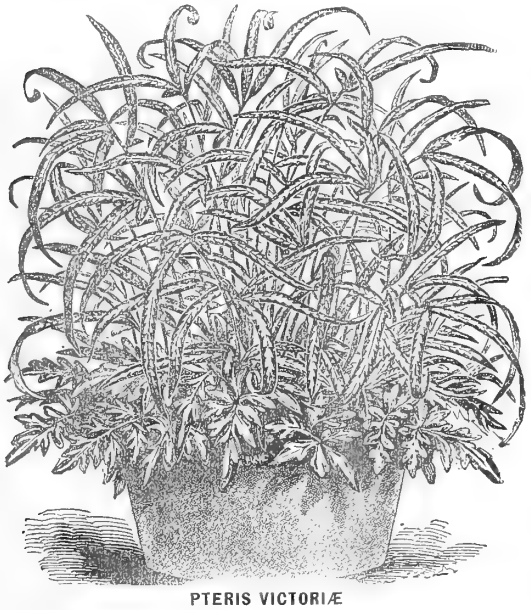
Cyperus Alternifolius — This well-known plant, always popular, seems now to be in greater demand than ever it was. It well deserves the attention it is attracting, for it is a pretty, unique and striking object. Moreover, it is of very easy culture, growing and thriving under the most positive neglect. Being an acquatic it is at home in the aquarium, but it succeeds equally as well as an ordinary pot plant, if only an abundance of water is given it. Next to Palms, this plant deservedly takes rank among the most useful foliage plants for house culture. Each 25c to 50c.

SELECT LIST OF FERNS

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.



Sword Fern—A splendid extra hardy sort, well adapted for house culture, succeeding with ordinary care with every one who tries it. The fronds are often four feet long. Fine basket plant, throwing out runners which soon make new plants; 30c.



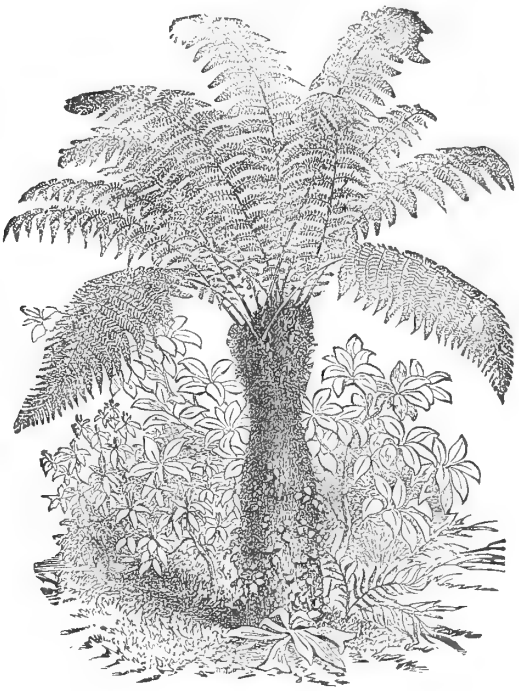
PTERIS VICTORIÆ

Pteris Victoriæ—One of the finest and most chaste Ferns ever introduced. The foliage is neatly divided; the sterile or barren fronds being much broader than the fertile ones; the center of the frond is beautifully variegated with silvery white. Plants 50c each.

Pteris Tremula (Shaking Fern)—Fine rich-looking leaves, best for house growing. Each 30c.

Pteris Serrulata—A well-known and useful basket-fern. 15 cents.

Pteris Cretica Albo Lineata—A pretty and useful variegated variety; 15c,



Dicksonia Antartica (Tree Fern)—For decorative plants, the Tree Ferns are unsurpassed for hall, parlor or church decoration. We have a large importation from New Zealand which we can offer fine trunks from 2 to 6 feet high. $5.00 to $15.00 each.

ADIANTUMS

Maiden-Hair Ferns

Adiantum Cuneatum—This fine species is more generally grown than any other, and is one of the most beautiful. Each 25c to 50c.

Adiantum Gracillimum—Smallest and most graceful Maiden-Hair; 25c.

Adiatnum Wiegandi—A pretty little species, with peculiarly crested and overlapping pinnæ; 25c.

DAVALLIAS

Davallia Bullata—We offer this grand Fern prepared in globe shape ready for hanging up. In a short time they develop leaves and make splendid ornaments through the season, suspended on the piazza or in a window. Price, $1.00 each.

Davallia Stricta—One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of a strong texture and of a beautiful shade of green; 25c and 50c.

PALMS, DRACÆNAS, ETC.

Now the most fashionable decorative house and window plants. They require but little attention beyond sponging the leaves once a week, and if placed in a handsome Jardiniere, no more beautiful or ornamental plants can be found.

SPECIAL OFFER OF YOUNG PALMS

All of which are fully described on the succeeding pages. Young palms are easily grown into splendid specimens. As an inducement to our customers to enter this pleasant and profitable field, we make the following low offer:

One Areca - - 35c.	**One Corpha - - 25c.**	**One Chamærops - 25c.**
One Kentia - - - 35c.	**One Lantana - - 25c.**	**One Phœnix - - 25c.**

TOTAL VALUE, $1.70

THIS COLLECTION OF SIX PALMS WE OFFER ....FREE BY MAIL FOR **$1.00** If wanted by Express, Buyer to Pay Charges, we can send larger plants and leave all the soil on the roots.

Areca Baueri (*Seaforthia robusta*)—A very hardy variety, with large, handsome leaves. Small plants 25c; larger plants, 75c to $1.50.

ARECA BAUERI

Areca lutescens—A variety species with elegant yellowish-green stems, plume-like, glossy, green foliage. Very hardy. Large plants, $1.00 to $3.00 each.

Brahea edulis—A new variety of Fan Palm from Guadaloupe Island. Large plants, $3.00 to $5.00 each.

Brahea filamentosa (*Pritchardia filamentosa—Washingtonia filifera*)—The hardy California Fan Palm, a hardy, vigorous growing plant; foliage very regular, of a bright green, deeply and regularly pinnated, the margins of each being covered with pith hair-like, long filaments, giving them a very remarkable appearance from other Fan Palms. They are beautiful decorative plants in all respects, either for in or out-door use. Plants 1 to 1½ feet, 50c each; plants 2 to 2½ feet, $1.00 each; extra large plants, $3.00 to $5.00 each.

ARECA LUTESCENS

Brahea Glauca (Blue Palm)—A very ornamental Fan Palm of robust habit. The leaves are bright green, glaucous beneath. New and rare. Fine specimen plants, $5.00 each.

Corypha Australis (*Livistonia*)—A very hardy Australian Palm; foliage dark green; very symmetrically and regularly slit, the segments partly doubled from base of petioles or leaf stalk, which is thickly armed with crooked spines. Small plants, 25c each; plants 1 to 1½ feet high, 50c each.

Chamærops Humilis—A Fan Palm of dwarf habit; it is a native of Southern Europe; very hardy. A splendid specimen for the lawn. Plants 1 to 1½ feet high, 75c to $1.50 each.

Chamærops excelsa—One of the hardiest of the Fan Palms; foliage dark green; the segments of the fan-shaped leaves deeply cut, the edges covered with tooth-like spines; grows from 15 to 20 feet high; very desirable for out-door decorating. Small plants 25c each; fine plants, 2 to 3 feet high, $1.50.

Kentia Balmoreana—This fine Palm is a valuable addition to our collections; its leaves are pinnate, dark green, and so beautifully crisp, as to gain for it the name of the "Curly Palm." It is very elegant and graceful in habit; a native of Lord Howe's Island, where it attains a height of 40 feet. 75c each.

Kentia Fosteriana—One of the finest of the Kentias, with graceful bright green foliage. 75c each.

Kentia Canterburyana—An excellent decorative variety. 50c to 75c each.

Phœnix Tenuis—This is a very hardy Date Palm, very desirable and elegant; bright sea-green. Small plants, 50c each.

Ptychosperma Alexandræ—A graceful and elegant variety; $1.00 each.

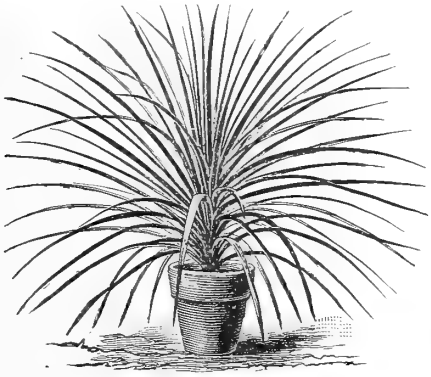
Phœnix Reclinata—A very fine large growing species; the stem becomes stout and tall with age; leaves pinnate; largely used in Cannes and in the south of France for avenues; also the best for that purpose here; a native of the Cape of Good Hope; hardy. Small plants, 50c each; plants, 1 to 1½ feet high, $2.00 each.

Raphis flabelliformis—China and Japan. A hardy little Cane Palm, which succors from the roots like the bamboo and forms a dense clump of canes. A delicate and graceful little plant, only 3 to 4 feet in height when full grown. 75c to $3.00 each.

Seaforthia elegans—Leaves, dark green; the leaf-stems rather stout at their base, pinnate, lanceolate and narrow bifid at the apex, the whole plant perfectly smooth, on a cylindrical smooth whitish-green stem. A most elegant species. Small plants, 25c. Plants 2 to 3 feet high, $2.50 to $3.00 each.

PHŒNIX CANARIENSIS.

Phœnix Canariensis—The handsomest and hardiest species of the Date Palm family. Being a rapid grower, it soon develops into beautiful specimens, with pinnate, dark green leaves from 6 to 12 feet long, the divisions linear, lace-shaped, very much pointed. It and the Phœnix Reclinata comprise the grandest ornaments of our gardens, parks and lawns, contributing a graceful and charming tropical appearance to any landscape. It is fully as hardy as the native Fan Palm, and differing so widely from that variety in its habit of growth, color and style of foilage, a finer contrast cannot readily be imagined when the two are planted either opposite or alternately in rows. 25c to $1.50 each; large specimen plants, $3.00 to $8.00 each.



DRACÆNA INDIVISA.

Dracæna Indivisa—A fine plant for out-door planting in California, and much in use for lawns, avenues and parks. The small plants are fine for window decoration. Small plants 25c each; large plants, 75c to $1.50 each.

Musa Ensete—(Banana Palm)—The noblest of all plants is the great Abyssinian Banana. The fruit of this variety is not edible, but the leaves are magnificent, long, broad and massive, of a beautiful green, with a broad, crimson mid-rib; the plant grows luxuriantly from 8 to 12 feet high. It grows rapidly and attains gigantic proportions, producing a tropical effect in one season. Plants, 50c to $1.00 each.

LATANIA BARBONICA.

Latania Barbonica—Leaves large, fan-shaped, of a very cheerful green color; plant of hardy construction, and adapted to all decorative purposes, within or without doors; appreciated by all the plant-loving community. The cut shows a healthy plant of about five years old. Nice young plants, 25c each; handsome larger plants 50c and 15c; extra size, 2 feet, $1.50 each.

Dracæna Australis (Broad-leaf)—An exceedingly handsome and ornamental tree, with broad foliage. Small plants, 50c each; large plants, 75c.

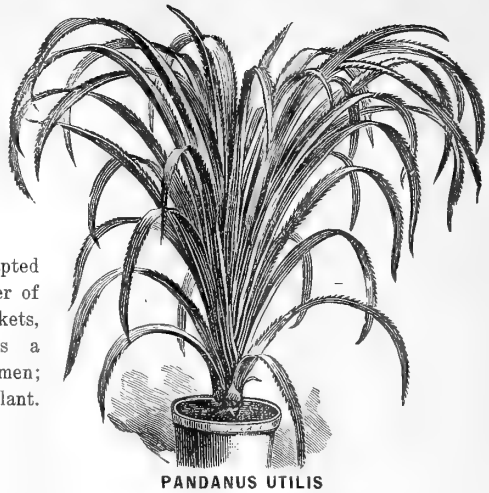
CYCAS REVOLUTA

Cycas Revoluta (Sogo Palm)—A fine decorative Palm for out-door planting; does well in the open ground and stands without a rival as a decorative plant for in-door use. The leaves are in great demand for floral decoration. Small plants, by mail, 25c each; large plants 50c, $1.00 and $5.00 each.

GREVILLEA ROBUSTA

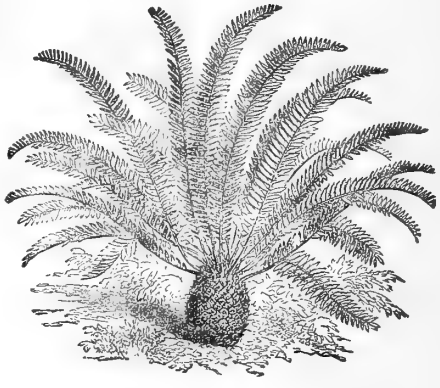
Grevillea Robusta—(Australian Silk Oak)—A splendid fern-leaved, evergreen plant, which makes a magnificent pot plant for all sorts of decorative purposes. In conjunction with Palms and Ferns, or in an ordinary collection of house plants, it is at once striking and graceful. It will resist drought to a remarkable degree, and is therefore well adapted to withstand the heat and dust of living rooms. Flowers, golden yellow. Planted out in this State it soon forms a magnificent lawn or shade tree. Also makes a superb pot plant for the piazza. Price of fine pot-grown plants, 25c each. Extra fine and strong, 35c and 50c each.

Pandanus Utilis—Called Screw Palm from the arrangement of the leaves on the stem. Excellently adapted for the center of vases and baskets, or grown as a single specimen; a beautiful plant. $1.50 each.



PANDANUS UTILIS

Zamia Integrifolia—When in full leaf this noble palm presents a highly tropical appearance, only rivaled by the high-priced Sago Palm, which it resembles very much in appearance. Our picture is an elegant illustration of it; the foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place; plant in summer. Dry roots 50c each; plants in foliage $1.00.



ZAMIA INTEGRIFOLIA

FRUIT TREES

NO ORDERS FOR TREES FILLED FOR LESS THAN ONE DOLLAR

It takes several days to fill a Tree Order from the Nursery, but will be executed and forwarded as soon as possible.

When customers order long lists, containing less than six of a variety, single rates will be charged; more than six or less than fifty will be charged at 10 rates; 50 of one variety charged at 100 rates; 500 will be charged at 1000 rates.

Trees are free from scale and other insect pests. Packing charges for less than 100 trees will be 25 cents.

PLUMS

PRICE:

	Each	10	100
One Year, 4 to 6 feet	25c	$2.00	$12.00
Two Years, 4 to 6 feet	25c	2.00	15.00

Cherry Plum—Very early; red; sweet.

Coe's Golden Drop—Large; oval; yellow.

Coe's Late Red—Medium size; round.

Clyman—Originated in Napa Valley; mottled redish purple; freestone; flesh firm, dry and sweet; valuable for shipping on account of its extreme early ripening.

Columbia—Very large; purple; round.

Damson—Small; purple.

Early Golden Drop—Small; yellow.

General Hand—Very large; yellow.

Green Gage—Small; nearly round; green.

Ickworth's Imperatrice—Medium size; purple.

Imperial Gage—Medium size; oval; greenish.

Jefferson—Large; oval; yellow.

Kelsey Japan Plum—Fruit as large as an ordinary peach; inclined to be conical; color greenish yellow; with faint red cheek; pit is very small; flesh firm and juicy; it is the best keeper known.

Peach Plum—Very large; reddish brown.

Quackenboss—Very large; nearly black.

Red Egg—Large; deep red.

Victoria—Beautiful; light purple color.

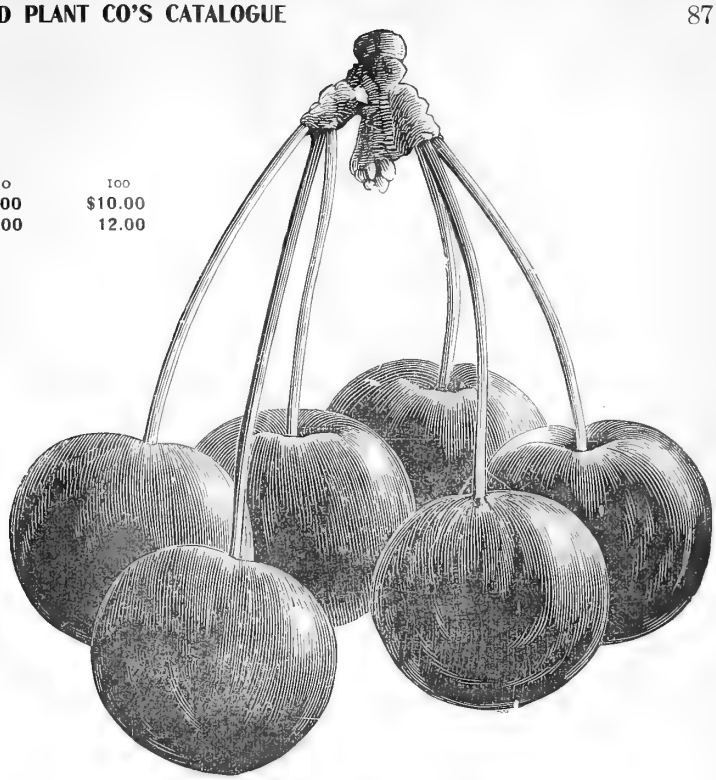
Washington—Large, round; pale yellow.

Yellow Egg—Very large.

CHERRIES

PRICE:

	Each	10	100
One year, 4 to 6 feet	25c	$2.00	$10.00
Two years, 4 to 6 feet	25c	2.00	12.00



DUKE AND MORELLO

Belle de Choisy—Medium size; amber.

Early Richmond—Good for drying.

May Duke—Large, dark red, fine flavor.

Reine Hortense—Very large; red.

HEART AND BIGARREAU

Bauman's May—Small; heart shape, dark red.

Bigarreau Cleveland—Large; clear red.

Bigarreau Napoleon (Royal Ann)—Very large; amber.

Bigarreau Rockport—Large; bright red.

Black Tartarian—Very large; bright black.

Coe's Transparent—Medium size; pale amber.

Governor Wood—Large; light yellow shaded with red.

Knight's Early Black—Large; black, rich and sweet.

Luelling (Black Republican)—A cross between Napoleon Bigarreau and Black Tartarian, having the solid flesh of the former and bright color of the latter; late and good.

PEACHES

	Each	10	100
One year, 4 to 6 feet	25c	$2.00	$10.00

Alexander—Medium size, white flesh, with clear red cheek. The earliest shipping peach.

Brigg's Red May—Large red, early.

Early Crawford—Large; yellow.

Earle Strawberry—Medium size.

Hale's Early—Medium size; flesh white.

Late Admirable—Very large; flesh greenish white.

Late Crawford—Large, yellow peach.

Norris White—Rather large, creamy white; very fine for canning.

Muir—It is an excellent bearer. The fruit is very large and a fine shipper, and one of the best canning peaches. As a drying peach it excels all others.

Old Mixon Free—Large; flesh white.

Piquet's Late—Large, yellow; red cheek.

Susquehanna—A large handsome variety, nearly globular; skin rich yellow, with beautiful red cheek; flesh yellow, sweet, juicy, with a rich vinous flavor.

Salway—Large; yellow, with red cheek.

Smock's Late—Orange, red at stone.

Ward's Late—Large; white with red cheek.

Waterloo—Specimens measured ten inches in circumference.

PEACHES—Clingstones

Heath—Very large; flesh greenish-white.

Lemon—Large; flesh yellow.

McKeevitt's Cling—Tree very vigorous and heavy bearer, does not curl. Profitable for canning and market.

Newington—Large; white.

Nichol's Orange—A large, yellow cling, with purple cheek.

Orange Cling—A very large, roundish fruit, yellow flesh; excellent for market or canning.

Old Mixon—Large; flesh white.

Sellers' —A variety of Orange Cling of the largest size, raised by Mrs. Sellers of Antioch; skin fine yellow, with a dark red cheek; flesh yellow, firm, very juicy and rich; a very desirable sort for canning.

Tuscan Cling—A very large, yellow cling. Early ripening makes it valuable.

APPLES

PRICE:

	Each	10	100
One year, 4 to 6 feet	25c	$2.00	$12.00
Two years, 4 to 6 feet	25c	2.00	12.00

SUMMER APPLES

Early Harvest—Pale yellow; fine for eating and cooking.

Gravenstine—Beautiful; large striped.

Red Astrachan—Large; deep crimson.

Red June Carolina—Small or medium; deep red.

White Astrachan—A good market sort.

AUTUMN APPLES

Alexander—Large; mottled with red.

Fall Pippin—Very large; rich yellow.

Glori Mundi—Very large; greenish-yellow; valuable for cooking and drying. October.

Haas (New)—Tree a fine, strong grower and very productive; fruit medium to large; skin smooth, pale, greenish-yellow.

Hoover—Large; dark red; juicy, acid crisp, very highly esteemed. October and November.

Jonathan—Red, tender, juicy and sweet.

King of Tompkins Co.—Large; red.

Rambo—Streaked yellow and red.

Reg Bietigheimer—A valuable German variety; fruit, large to very large; roundish; skin, pale, cream-colored ground, mostly covered with purplish-crimson; flesh, white, firm subacid.

Rhode Island Greening—Well-known sort.

Roxberry Russett—Popular in New England.

Twenty-ounce (Cayuga Red Streaked)—A very large, roundish, striped apple, of medium quality, rather coarse ground, but a brisk, sprightly, subacid flavor. October.

CRAB APPLES

Hyslop—Large; red; fine for cooking or cider.

Red Siberian Crab—A beautiful little fruit; highly esteemed for preserving.

Yellow Siberian Crab—Beautiful; golden yellow.

WINTER APPLES

Baldwin—Well-known; large; red apple.

Ben Davis—Large; yellow, red streaked.

Bell Flower—Large; yellow.

Esephus Spitzenberg—Large; red.

Hubbardston Nonsuch—Large; striped with yellow, and rich.

Lady Apple.

Lawyer—Large, roundish flat; mild subacid; very heavy and hard; beautiful dark red; very valuable as a late market sort.

Nickajack—Southern Apple,

Newton Spitzenberg (*Vandevera*)—Yellow, striped with red.

Northern Spy—Large; yellow, red striped.

Rome Beauty—Large; yellow, red striped.

Swaar—Large; good table Apple.

Smith's Cider—Large; mottled red and yellow.

Wagoner—One of the best Apples.

White Winter Pearmain—Large; pale yellow.

Winesap—Medium size; dark red, striped.

Yellow Newton Pippin—This is the best California Winter Apple.

PEARS

PRICE:

	Each	10	100
One year, 3 to 5 feet	25c	$2.00	$10.00
Two years, 4 to 6 feet	25c	2.00	12.00

SUMMER PEARS

Bartlett—Large size; clear, yellow skin; very juicy, with a high aromatic flavor. Very valuable for market and canning.

Beurre Giffard—Medium; yellow.

Clapp's Favorite—Large; yellow.

AUTUMN PEARS

Belle Lucrative—Medium size; melting, rich, delicious.

Beurre Bosc—Large, russet Pear.

Beurre Clairgeau—Large, valuable for market.

Beurre Diel—One of the largest Pears; a rapid grower.

Beurre Hardy—Large; greenish; a good shipper.

Beurre Superfine—Large; yellow, juicy, subacid flavor.

Columbia—A large, showy fruit.

Duchess d' Angouleme—Very large.

Doyenne du Comice—Large; fine yellow.

Flemish Beauty—Large; pale yellow, with redish brown cheek.

Howell—Large, handsome, sweet, hardy and productive.

Keiffer's Hybrid.

Louise Bonne de Jersey—A large, handsome Pear; yellow, with dark red cheek.

Seckel—Small, yellowish-brown; the richest, highest flavored Pear known.

Urbanista—A large, melting, buttery Pear.

WINTER PEARS

Beurre Bretonneau—Large; golden.

Emile d'Heyst—Fruit very large, oblong, pyriform; skin, clear yellow, with brownish cheek in sun; fine grained, juicy.

Easter Beurre—Fruit large; flesh melting.

Glou Morceau—Large; yellow.

Josephine de Malines—Medium to large size; pale straw color.

Pound Pear—A monstrous pear.

P. Barry—This Pear was originated by the late B. S. Fox of San Jose. It is large, deep yellow, nearly covered with a rich, golden russet; flesh whitish; firm, juicy, sweet and rich.

Winter Nellis—Excellent; well known.

APRICOTS

PRICE:	Each	10	100
On Peach root, 1 yr., 4 to 6 ft.	25c	$2.00	$10.00

Hemskirke—A large and very fine apricot.

Large Early—Large, juicy and rich.

Moorpark—Largest size; rich yellow.

Royal—A fine early variety, popular in many places as a regular bearer.

Shipley (Blenheim)—Above medium; flesh juicy, rich.

QUINCES

PRICE:	Each	10	100
Two years, 4 to 6 feet	35c	$2.50	$18.00

Apple or Orange—Large; bright yellow; abundant bearer.

Angers—Large; yellow; late.

Portugal—Large size; orange color.

PRUNES

PRICE:	Each	10	100
Prune on Myrobolan 1 yrs 4 to 6 ft - -	25c	$1.50	$ 8.00
" " " 2 " " - - -	25c	2.00	10.00

Bulgarian—Medium size; almost round; dark purple; sweet and rich, with a pleasant acid flavor. Valuable as a dried fruit.

French Prune (Petite d'Agen) — Well-known variety; extensively planted for drying.

German Prune (Common Quetsche)—From this variety the dried prunes exported from Germany are made.

Golden Prune—Originated from seed of the Italian Prune; somewhat larger than its parent, of light golden color, exquisite flower, and dries beautifully.

Hungarian Prune (Crosse Fruns d'Agen)—Very large; dark red, juicy and sweet.

Robe de Sargent—The celebrated Pruneau d'Argen; fruit medium size, oval; skin deep purple.

Silver Prune—Of large size, handsome appearance and superior flavor.

Tragedy Prune—Fruit medium size; skin dark purple; flesh yellowish green, rich and sweet.

NECTARINES

PRICE:	Each	10	100
On Peach root, one year, 3 to 5 feet - -	25c	$2.00	$12.00

Boston—Large; oval; yellow.

Early Newington—Large; pale green.

Hardwicke—Large; pale green; red cheek.

New White - Large; white.

Stanwick—An English variety.

FIGS

PRICE:	Each	10
1 to 6 feet - - - - - - - -	50c	$4.00
3 to 4 feet - - - - - - - - -	40c	3.00

Brunswick (Smyrna)—Very large; yellow; rich and excellent flavor.

California Black—Large, dark purple; very productive.

White Adriatic—This variety takes the lead of all Figs planted in California. The best dried Figs have been produced from this variety.

White Ischia—Small; high flavor; good; early bearer.

FILBERTS

Kentish Cob—Oblong and somewhat compressed, of a brown color, kernel full and rich; a great bearer. 75c each; $5.00 per ten.

Purple Leaved—An ornamental shrub, as well as productive of fruit. 75c each; $5.00 per ten.

Red Hazel—Medium size; shell rather thick. 75c each; $5.00 per ten.

ALMONDS

PRICE	Each	10	100
On Almond root, one year, 4 to 6 feet - -	25c	$2.00	$10.00

Duchess or Paper Shell—Fruit large; shell thin.

IXL—Large kernels, soft shell; tree is a strong, upright grower.

King's Soft Shell—Shell very thin and soft.

Lanquedoc—Soft shell, extensively planted in California.

Nonpariel—Large; full kernel, thin shell; tree of a weeping habit; and a strong grower.

Ne Plus Ultra—Similar to above, but of different habits of growth.

CHESTNUTS

American Sweet—Esteemed in the east for its sweet flavor. 50c each; $4.00 per ten.

Japan Mammoth—Nut of immense size and good quality; tree bears young. 50c each; $4.00 per ten.

Marron de Lyon—A large, French variety. 50c each.

Marron Combale—Not so large, but more productive than the former. 50c each.

Spanish or Italian—A highly ornamental tree, with excellent fruit 40c each; $4.00 per ten.

WALNUTS

Santa Barbara Soft Shell—The tree is a vigorous grower, an early and abundant bearer; the nut is large, the kernel white and sweet, the shell being easily broken. 40c each; $3.50 per ten.

Black American—Produces large crops of rich nuts. 40c each; $3.00 per ten.

Black California—A native species valuable for its timber, 35c each; $2.50 per ten.

Butternut (White Walnut)—A well-known native species. 50c each; $4.00 per ten.

Dwarf Prolific (Praeparturiens)—This is a dwarf growing, and very early bearing variety. 60c each; $5.00 per ten.

English—Is a fine, lofty tree, and bears crops of large and excellent nuts. 35c each; $2.50 per ten.

Pecan Nut—Tree beautiful; the nut is oblong and smooth, kernel sweet and highly flavored. 50c each.

GRAPES

FOREIGN VARIETIES

PRICE, - - -	Each 10c	10 50c	100 $2.50	1000 $20.00

Black Hamburg — Bunches and berries large, black, very sugary and rich.

Black Malvoisa — Bunches large and long; good for wine and table use.

Black Morocco—Very large, rich and sweet.

Buckland Sweetwater

California Black—The well-known Mission Grape.

Canon Hall Muscat—Medium size, white grape, very sweet.

Flame Tokay—A magnificent, large, red grape.

Golden Hamburg—A new variety; berries large, white and juicy, sweet and rich.

Lady Downs—Black, sweet, richly flavored, very late.

Muscat Hamburg—A new variety; resembles Black Hamburg.

Muscat of Alexandria—Bunches and berries large, pale amber, one of the best for raisins.

Riesling — An excellent wine grape, producing Riesling wine.

Rose of Peru—Very large bunches, berries rounding, brownish black.

Sweetwater—Bunches good size; berries medium size, round fruit.

Zinfindel—Bunches large; valuable for wine.

AMERICAN GRAPES

	Each	10	100
PRICE, - - -	15c	$1.00	$8.00

This class of Grapes is useful in localities where the more tender foreign varieties will not succeed on account of the severe winters. They are also the best for arbors and trellis growing.

Catawba—Medium sized bunches; berries large, coppery red, sweet, foxy flavor.

Concord—Bunches large compact; berries large, round, light red, sweet, foxy flavor.

Isabella—Bunches long and loose, berries large, oval, purple black, sweet and musky.

ORANGES

PRICE:

	Each	10	100
Grafted, lifted with balls of dirt, 4 to 5 ft - -	$2.00	$15.00	$125.00
" " " " " " 3 to 4 ft - -	1.50	12.50	100.00
" " " " " " 2 to 3 ft - -	1.00	8.00	75.00

Mediterranean Sweet—Fruit medium sized, slightly oblong, skin thin and tough; pulp rich color, juicy, melting, sub acid and vinous; frequently seedless.

Riverside Washington Navel—Fruit first-class in every respect; size medium to large; oval, smooth, symmetrical, seedless, pulp fine grained, flavor excellent. A solid, perfect fruit.

Unshiu—The best of Japanese varieties; tree of dwarf growth; hardy, fruit small but firm and sweet.

LEMONS

PRICE:

	Each	10	100
Grafted, lifted with balls of dirt, 4 to 5 ft -	$2.00	$15.00	$125.00
" " " " " " 3 to 4 ft -	1.50	12.50	100.00
" " " " " " 2 to 3 ft -	1.00	8.00	75.00

Eureka—An excellent variety, originated in Southern California; smooth and full of acid juice. We recommend this variety as preferable to all others.

JAPANESE PERSIMMONS

A magnificent fruit from Japan; tree highly ornamental; fruit beautiful in appearance and excellent in quality. 35c each; $3.00 per doz.

OLIVE TREES

Manzanillo—Among the olives of Southern Spain, especially around Serville, the Manzanillo is highly prized both for pickling and oil; the fruit is very large. One of the best olives, very hardy, prolific and a regular bearer. Makes a fine pickle and produces oil of a high grade. 25c each; $2.00 per ten; $15.00 per hundred.

Mission—Three to four feet. 25c each; $2.00 per ten; $18.00 per hundred.

" —Four to six feet. 40c each; $3.00 per ten.

Picholine—Three to four feet. 25c each; $2.00 per ten; $15.00 per hundred.

Pendulina, Rubra, Atro Violacea and Oblonga—Two to three feet, 50c each; $4.00 per ten.

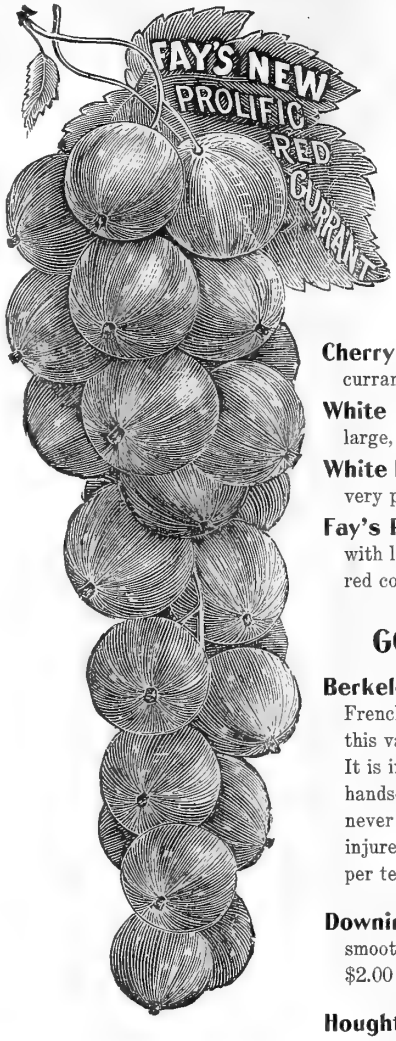
MISCELLANEOUS FRUITS

Pomegranate—50 cents each.

Loquat—(*Japan Plum*)—50c each.

Medlar—75c each.

Mulberry—(*American and Downing's*)—75c each.



CURRANTS

Well-rooted bushes, 2 year. 15c each; $1.00 per ten; $7.00 per hundred; 1 year 10c each; 75c per ten; $5.00 per hundred.

Black Naples — Berries large and black.

Cherry Currant — Large red currants.

White Grape—Bunch and berry large, with fine transparent skin.

White Dutch—A fine old variety, very productive and excellent.

Fay's Prolific—Very productive, with long bunches of large, rich, red colored fruit.

GOOSEBERRIES

Berkeley—(Dwinelle, Kelsey, New French)—Under all these names this variety has been introduced It is immensly prolific, large and handsome; ripens early; was never known to mildew enough to injure the crop; 20c each; $1.50 per ten.

Downing — Roudish oval, skin smooth, excellent flavor; 25c each; $2.00 per ten.

Houghton's Seedling—Vigorous grower, very productive. 15c each; $1.00 per ten.

Smith's Seedlings—A strong grower; flesh moderately firm, sweet and good. 25c each; $2.00 per ten.

BLACKBERRIES

PRICE: 10c each; 50c per ten; $3.00 per hundred.

Crandall's Early — Fruit large.

Kittatinny—Large; glossy black, ripens early.

Lawton.

RASPBERRIES

PRICE: 10c each; 75c per ten; $3.00 per hundred.

Hansell—Medium to large; bright crimson; firm, fine flavor; canes vigorously, hardy and productive; earliest of all.

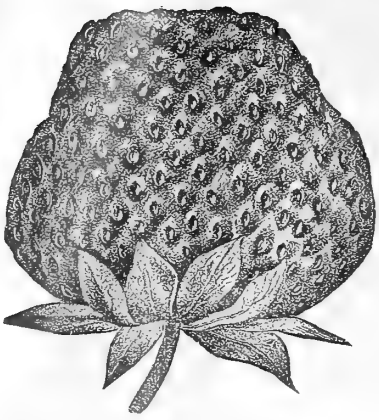
Queen of the Market—(*Cuthbert*)—Fruit large; a bright crimson color.

Davidson's Thornless—Early variety of Black Cap.

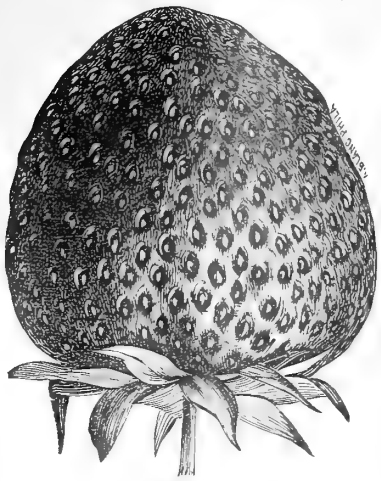
Doolittle's Black—A fine table fruit.

Mammoth Cluster—The largest Black Cap.

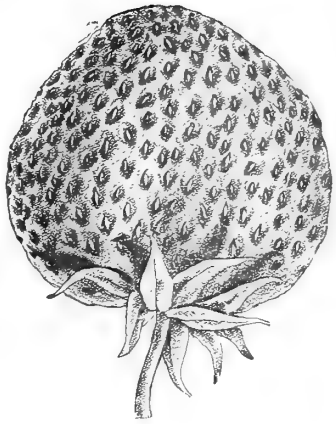
Yellow Antwerp—Large; yellow.



SHARPLESS



GANDY



CAPT. JACK

STRAWBERRIES

Australian Crimson—A most excellent shipper. The fruit averages very large, is of a brilliant crimson color, and most deliciously flavored. The demand for plants of this variety is very great. We offer heavily rooted plants as follows: Per doz, 25c; per 100, $1.50.

Bubach—The fruit is of very uniform, large size, fine form; bright crimson color, ripening all over at once, of excellent quality; begins to ripen with the Crescent but continues a long time in bearing; very productive, holds its size well to the last picking. No one should fail to plant some of the Bubach. Doz, 25c; 100, $1.50.

Captain Jack—Old favorite; large, round berries of a high, rich flavor, splendid for canning or shipping. Per doz, 25c; per 100, $1.50.

Cloud's Seedling—A most magnificent berry for California soil and climate; a rampant grower, like the crescent; a tremendous fruiter; berries large, glossy red; flavor very tart, celebrated for its wonderful shipping qualities. It should be fertilized by some staminate variety. Per dozen. 25c; $1.50 per 100.

Crescent Seedling — It is immensely productive; size medium. Per doz., 25c; $1.50 per 100.

Cumberland Triomphe—A magnificent variety; berries large, no small ones; fine, perfect form and of fine flavor; beautiful bright scarlet color; of excellent quality and is growing in general favor; no one ever regrets planting it; does well everywhere. Per doz, 25c; $1.50 per 100.

Dollar—A variety of the greatest excellence, sells for from 15c to 20c more per crate than most other varieties. It is very early, large size, a glowing crimson in color, and possesses an exquisite flavor; a fine shipper. Per doz, 25c; $1.50 per 100.

Gandy—A cross between Jersey Queen and Glendale, combining the size, beauty, high quality, firmness, vigor and lateness of these two excellent varieties. Per doz, 25c; $1.50 per 100.

Iowa Beauty—One of the sweetest as well as one of the most beautiful berries grown; very large size; enormously productive. Per doz, 25c; $1.50 per 100.

Marshall—We have never seen any berry equalling them in appearance; superb color, fine size and perfect shape. Per doz, 25c; per 100, $1.50.

Sharpless—A mammoth variety; deep, clear red. Per doz, 25c; $1.50 per 100.

Triomphe de Gand—Grown extensively in the Sacramento Valley and shipped by the carload to New York City and other Eastern points; highly flavored, of a brilliant glossy red color, extremely productive; requires a very rich soil. Per doz, 25c; $1.50 per 100.

Wilson's Albany—Fruit large; deep crimson. Per doz, 25c; $1.50 per 100.

ORNAMENTAL TREES

DECIDUOUS TREES

Ash, European—A lofty tree, of rapid growth, with spreading head and gray bark; pinnate leaves and black buds. 8 to 10 feet, 75c each.

" **Flowering** (*Ornus*)—A native of the south of Europe; flowers greenish-white, produced in large clusters on the end of the branches. 8 to 10 feet, 60c each.

Beech, European—A beautiful tree, attaining a height of 60 to 80 feet. 4 feet, 50c each.

" **Purple Leaved**—Foliage is deep purple in spring, changing to crimson in the fall. 1 foot, 50c each.

Birch, European White—Remarkable for its elegance; very graceful, with silvery bark and slender branches. 6 feet, 50c each.

Birch, Purple Leaved—A variety having purple foliage. 3 feet, $1.00 each.

Catalpa, speciosa—A rapid-growing, spreading, irregular tree, with large, heart-shaped leaves; remarkable for its clusters of white and purple fragrant flowers in spring. 8 to 10 feet, 50c each.

" **Kæmpferi**—A dwarf Japanese variety, with large leaves; flowers cream-colored, speckled with purple and yellow. 1½ feet, 30c.

Elm, American White—A magnificent large tree, with drooping, spreading branches; requires moist soil; one of the grandest of our native forest trees. 4 to 6 feet, 40c.

" **Cork-bark**—A valuable shade tree, and very desirable for streets and avenues; young branches very corky; leaves rough on both sides. 6 feet, 50c.

Elm, English or French (*Campestris*)—An erect tree of rapid, compact growth, with dark green foliage; very robust, attaining an immense size. 4 to 6 feet, 40c.

Horse Chestnut, European—A handsome tree of regular form. 3 feet, 50c.

Laburnum, or Golden Chain—A beautiful small tree, with long, drooping racemes of fragrant yellow flowers. 6 feet, 50c.

Linden, American—A rapid-growing, large-sized tree, with very large leaves and fragrant flowers. 4 feet, 40c.

" **European**—A very fine pyramidal tree of large size, with large leaves and fragrant flowers, better suited to our climate than the former variety. 4 feet, 40c.

Locust, Bessoniana (*Thornless*)—The most ornamental of all the locust family; forms a solid, compact head, with dark green, luxuriant foliage. 8 to 10 feet, 40c.

" **Common or Black**—A rapid growing tree with spreading branches; a valuable lumber tree, and used for various mechanical purposes. 4 to 6 feet, 25c each.

" **Rose-flowered**—Of dwarf habit; beautiful rose-colored flowers, branches gummy; quite interesting. 8 to 10 feet 75c each.

" **Honey**—A handsome, hardy tree, with small foliage and formidable thorns. 3 to 4 feet, 40c each.

Maple, Box Elder (*negundo*)—Large, fine-spreading tree of rapid growth; foliage ash-like, smaller than other maples; a fine avenue tree. 8 to 10 feet, $1.00 each.

" **English or Cork-barked** (*campestre*)—A native of Europe, a slow-growing stocky tree of compact, roundish habit, and with rough bark full of deep fissures. 6 to 8 feet, 40c each.

" **Norway** (*platanoides*)—From Europe; a large handsome tree, with broad, deep green foliage, and of very compact growth, rendering it one of the most desirable varieties for the street, park or garden. 3 feet, 20c; 8 to 10 feet, 50c each.

" **Silver or Soft** (*eriocarpum*)—A rapid growing tree of large size, irregular rounded form; foliage bright green above, silvery beneath. 6 to 8 feet, 50c each.

" **Sugar** (*saccharinum*)—A well-known native tree of stately growth. 6 to 8 feet, 75c each.

Maiden Hair Tree or Gingko (*Salisburia*)—A remarkable tree from Japan, of medium size; foliage fern-like, yellowish-green, curiously lobed and marked with delicate hair-like lines. 2 to 3 feet, 60c each.

Mulberry, Downing's Everbearing—A very rapid grower, a valuable shade tree; produces a good fruit. 4 to 6 feet, 25c each.

" **Lick's American**—Originated by the late James Lick. Fruit large, black and of exquisite flavor. Tree a strong, thrifty grower. 3 to 4 feet, 60c each.

" **Multicaulis**—Valuable tree for shade and timber; fruit worthless; leaves are large and it is considered to be one of the best for silk worms. 3 to 4 feet, 30c each.

" **White** (*Alba*)—A native of China; tree of rapid, slender growth. Will grow in any soil when once established. Cultivated chiefly for food for the silk worm. 4 feet, 30c; 6 feet, 40c.

Paulownia Imperialis—A rapid growing tropical looking tree from Japan, with enormous round leaves; produces large clusters of purple trumpet-shaped flowers in the spring. 6 to 8 feet, 75c each.

Peach, Double Red—Flowers semi-double, bright red; superb. 4 feet, 50c each.

" **Double White**—Flowers pure white and double; superb. 6 feet, 50c each.

Poplar, Aurea Van Geertii—Has fine golden yellow foliage, retaining its brilliancy throughout the season; effective in masses, 1 foot, 40c.

Poplar, Carolina—A vigorous growing variety, with large, bright green leaves. 4 to 6 feet, 40c each.

" **Lombardy**—A very rapid, erect growing tree, with tall, spiry, form; very desirable in landscape gardening. 6 feet, 40c.

Sophora Japonica—A handsome, locust-like tree, but with better and glossier foliage than the common locust; very desirable for the interior; flowers creamery white. 8 feet, 60c each.

Sycamore, European—A rapid, erect-growing tree, with bright green foliage; far superior to the common American Sycamore. 8 feet, 60c each.

Taxodium, distichum (*Deciduous Cypress*)—The latest tree to put forth green leaves in the spring. A distinct and handsome tree of slender habit, with soft, feathery foliage. 2½ to 3 feet, 60c each.

Texas Umbrella (*Melia Azedarach Umbraculiformis*)—Entirely different from the Pride of China; takes the shape of an umbrella; is one of striking beauty, and is of the handsomest of shade tree. 8 feet, $1.00; 6 feet, 60c each.

Thorn, English Hawthorn—The celebrated English hedge plant; flowers white. 6 feet, 50c each.

" **Double White**—Has small double white flowers; a highly ornamental variety, on account of both foliage and flowers. 6 feet, 50c each.

" **Double Pink**—Similar to above in all respects but color, which is pink or rose. 6 feet, 60c each.

DECIDUOUS WEEPING TREES

Ash, Euporean—One of the finest lawn trees, covering a great space and growing rapidly. 6 feet, $1.00 each.

" **Gold-barked**—A conspicuous tree at all times, but particularly in winter, on account of its yellow bark and twisted branches. 6 feet, $1.00 each.

Birch, Cut-leaved—A charming tree, with deeply laciniated foliage. Its tall, slender, yet vigorous growth, graceful, drooping branches, silvery white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in one tree. 6 feet, $1.00 each.

Elm, Camperdown—Vigorous branches, having a uniform weeping habit, overlapping very regularly and forming a roof-like head. The leaves are large, dark green and glossy and cover the tree with a luxuriant mass of virdure. 6 feet, $1.00.

Sophora—A beautiful weeping tree of very regular and graceful habit. 6 feet, $2.00.

Willow, American—A dwarf species, with slender branches; one of the most ornamental of small weeping trees. 6 feet, $1.00.

" **Common** (*babylonica*)—The well-known weeping willow. 6 to 8 feet, 35c.

" **Kilmarnock**—Very hardy; thrives well in all soils; a very graceful tree with glossy foliage and perfect umbrella head; one of the finest of this class of trees. 4 to 6 feet, $1.00.

EVERGREEN TREES

Acacia, decurrens (*Black Wattle*)—An elegant tree with fine feathery foliage. 3 to 4 feet. 50c.

" **lopantha gigantea**—A very rapid-growing tree, with feathery foliage, very handsome, but not hardy. 4 to 6 feet, 40c.

" **melanoxylon** (*Black Wood Tree*)—A strong, upright-growing tree, very desirable for parks and street ornamentation. 4 feet, 40c.

" **mollissima**—A fine, erect growing tree, with glaucus, green, feathery foliage; flowers yellow and borne in racemes; a rapid growing tree and well adapted to this valley. 3 feet, 40c.

Araucaria, Bidwillii — A magnificent tree; branches in regular whorls; closely set with spiny, shining, deep, green leaves; very handsome for the lawn and by far the finest and most attractive of all evergreen trees. Thrives well here. 3 to 4 feet, $4.00; 1 to 2 feet, $1.50.

Araucaria, Excelsa (*Norfolk Island Pine*)—One of the handsomest of all trees; pyramidal in form and very symmetrical. 1 to 2 feet, $1.00 and $2.00 each.

" **imbricata** (*Chili Pine*)—A fine tree of regular pyramidal form; leaves bright green, broad, thick, pointed and overlapping each other. 1 to 2 feet, $1.00 to $2.00.

Arbor Vitæ, American - A beautiful native species commonly known as the White Cedar; especially valuable for screens and hedges; 75c.

" **Chinese** (*Orientalis*)—From China and Japan; a small tree, with erect branches and dense, flat, light green foliage; 1 foot, 75c.

" **Chinese Golden**—One of the most elegant and justly popular of the Arbor Vitæs; very compact and regular in habit; the foliage assuming a beautiful golden tint in the spring. 1 foot, 75c.

" **Ever-Golden** (*semper-aurea*)—A new variety of dwarf habit, but of free growth; retains its golden tint the year round; one of the very best of the variegated evergreen trees. 1 foot, 75c.

Camphor Tree (*Laurus Camphora*)—A rank-growing, very symmetrical, ornamental tree, thriving in the very poorest soil, a native of Japan; bright green foliage and well adapted for a lawn. 3 feet, 60c.

Cedar Deodara (*Himalaya Cedar*)—Exceedingly handsome, with drooping branches and silvery-green foliage, forming a dense net work. 2 to 3 feet, $2 00.

" **Lebanon**—A magnificient tree, with short horizontal branches and dense, dark green foliage. 1 foot, $1.00.

California Laurel or Bay Tree (*Oreodaphne*)—A very handsome native tree, with light green foliage, which emits an agreeable perfume when bruised. 3 feet, 60c each

Cryptomeria, elegans — An elegant tree of pyramidal form; foliage turning brown in winter. 2 feet 50c; 3 feet 70c.

" **japonica**—A handsome, rapid-growing tree, with an elongated pyramidal outline, attaining a height of 50 to 60 feet. 2 feet, 50c; 3 feet, 70c.

Cypress, Funeral—Beautiful drooping branches; especially adapted for cemeteries. 3 feet, 70c.

" **Guadalupensis**—An erect, pyramidal grower, with glaucus green foliage.

" **Italian**—A tall, erect, tapering tree, with branches running parallel with the stem; very desirable for cemeteries and arches. 1½ feet, 30c; 6 feet, $1.20.

" **Lawsoniana**—A native tree, with elegant, slender, drooping, branches; leaves dark glossy green, tinged with a glaucus hue. 3 feet, 50c.

" **Monterey**—A native of California, and one of the most desirable of evergreens; stands pruning well; very extensively planted for hedges. Balled, 3 to 4 feet, 20c each; transplanted in boxes one year, 100, $2.00; per 1000, $15.00.

Eucalyptus, ficifolia (*Scarlet Flowering*)—A most striking variety of dwarfish habit, with very large, dark green leaves and producing large panicles of brilliant scarlet flowers. One of the most ornamental and effective trees among the Eucalyptus. Very desirable for small gardens. 8 to 12 inches, 50c each.

" **globulus** (*Tasmanian Blue Gum*)—One of the most useful of all and a very rapid grower. Planted largely in all warm countries, on account of its malaria destroying qualities. Remarkably good for fuel, being easily sawn and split. 3 feet, 25c each; transplanted in boxes, 1 year, $2.00 per 100; per 1000, $15.00.

" **rostrata** (*Red Gum*)—Well-known and highly esteemed in this section. The timber is unsurpassed for durability, and is used for railroad ties, street pavements, ship building, etc. Transplanted in boxes, 1 year, $2.00 per 100.

Fiscus, elastica (*Indian Rubber Tree*) — A magnificent decorative plant when small; leaves large, dark shining green above and yellowish-green below. 3 feet, $2.00 each.

" **macrophylla**—Same as the above, but with much larger leaves. Valuable as a decorative plant. 1 foot, $1.00 each.

Holly, European (*Ilex*) — A small tree, with shining, dark green, thorny leaves, somewhat resembling the oak in form. In winter the tree is covered with bright red berries. 1½ feet $1.00

" **Golden Variegated** — Leaves having a large blotch of creamy-yellow surrounded by a green border.

MAGNOLIAS

Magnolia grandiflora oxoniensis—A lovely evergreen species with large leathery bright green leaves that look as if made of wax, a foot or eighteen inches long and four inches wide; in addition to the beauty of the foliage, it bears large, fragrant white flowers. Very rare and choice. Strong plants, two to three feet, $1.00 each.

Magnolia Conspicua — An elegant variety covered during the month of May with masses of white flowers before the leaves appear. Price, $1.00 each.

Magnolia obovata rubra—A charming variety with large cup-shaped flowers, outside shaded red, veined with white; inside pure white. $1.00 each.

Magnolia obovata purpurea — A fine variety similar to the above, but having the outside lavender or light purple, shaded and veined with white; inside, pearly white. $1.00 each.

Magnolia Kobus —A profuse bloomer with white flowers; outside of flower white, shaded with light pink. $1.00 each.

Magnolia grandiflora — The most noble of American evergreen trees; foliage is thick, brilliant green in the upper surface and rusty underneath; the flowers are pure white, of immense size and very fragrant. Price $1.00 to $2.00 each.

Pepper Tree—A most popular shade and ornamental tree, with fine, feathery foliage; producing clusters of reddish berries in Autumn. Perfectly hardy with us and one of the most popular street trees. 3 to 4 feet, 25c; 4 to 5 feet, 50c.

Pine, Monterey (*insignis*)—The most desirable pine for shade and more extensively planted than any other variety in this State. 3 feet, 50c; transplanted, 1 year old in boxes, $4.00 per 100.

Retinospora (*Japanese Cypress*)—A dwarf shrub with bright green branches above and glaucus beneath, assuming a ruddy tint in Winter. 1 to 2 feet, 50c.

Yew, English (*baccata*)—A densely-branched spreading bush. of a dark, sombre hue. 4 to 6 feet, $3.00.

" **Dwarf Golden** (*elegantissima*)—One of the most valuable golden-leaved evergreens; the leaves of the new growth are of a bright, straw color, rendering the plant highly effective. Of slow growth. 1 foot, 75c.

" **Irish** (*hibernica*)—An upright growing variety, with deep, dark green foliage; branches erect, closely compressed, forming a pyramidal or broom-shaped head. 3 feet, $1.25.

" **Japan** (*adpressa*)—Native of the mountains of Japan. A low, spreading shrub, with short, acute, dark green leaves and pale pink berries. 75c.

EVERGREEN SHRUBS

Aucubas—Handsome, half-hardy evergreen shrubs, with large bright green leaves, beautifully marked yellow. They make splendid conservatory or parlor plants. 50c each.

" **Japonica** (Gold Dust Tree)—Leaves large, distinctly speckled golden yellow. 50c each.

" **Mascula Maculata**—Leaves blotched and marbled with bright yellow. 50c each.

" **Lanceolata**—Leaves lance shaped, glossy dark green, producing an abundance of scarlet berries. 50c each.

Berberis, Darwinii—This is the finest of all Berberis; foliage thick and leathery, flowers orange-yellow and deliciously fragrant. 1 foot, $1.00.

Box Tree, Dwarf (*suffructicosa*)—A fine small bush, with glossy, roundish leaves. The variety so extensively used for edging. 2 to 3 feet, 50c each.

" **sempervirens**—A handsome lawn shrub, small, deep green foliage; also very suitable for making hedges. Wood is very hard. 2 to 3 feet, 50c each.

Broom Scotch (*Genista*)—A very handsome shrub, with drooping branches, and covered in the spring with bright yellow pea-shaped flowers. Very effective for grooping. 3 feet, 40c each.

" **Spanish**—An upright growing shrub; flowers yellow, produced very freely in the Spring on long, pendulous round, leafless branches. 3 feet, 40c each.

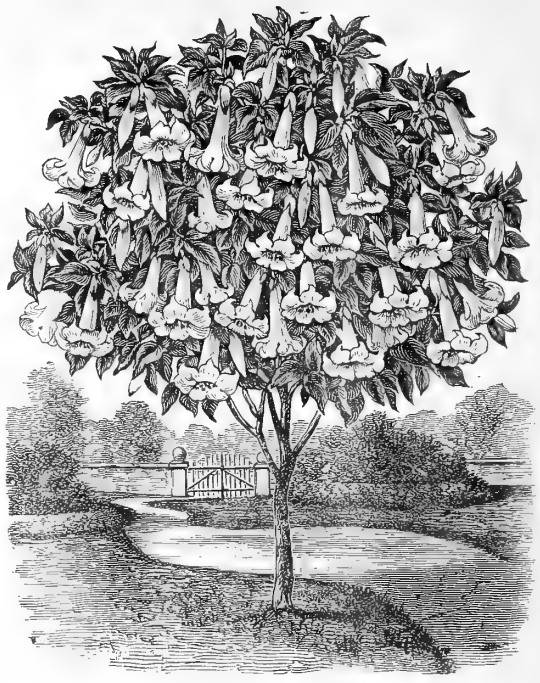
Daphne, White Flowering—A low growing shrub, with dark, bright green foliage, and very fragrant white flowers; $1.00 each.

Diosma, alba (*Breath of Heaven*)—A handsome little shrub, with heath-like foliage, and small, white, star-shaped flowers. The leaves when bruised emit a powerful perfume; 3 feet, 50c.

Euonymus—An interesting genus of shrubs mostly esteemed for the beautiful variegation of the foliage. They are of the easiest culture and form excellent subjects for low close hedges, or borders for large beds.

" **Japonica**—Bright green, glossy leaves; 3 feet, 40c each.

" **Japonica, Duc d'Anjou**—A beautiful variety, the center of the leaves being variegated with a golden yellow. 3 feet, 50c.



BRUGMANSIA ARBOREA

Brugmansia Arborea (Angel's Trumpet or Wedding Bell)—This is one of those plants of which words fail to convey a true idea of its magnificence, and people who see it for the first time are bound to be delighted far beyond their expectation. It is a hard wooded plant growing from 3 to 4 feet high and branching. It blooms at all times of the year in a window or conservatory, or it can be cultivated in the garden during summer and wintered in a cellar or pit. The flowers are drooping, bell-shaped, of a creamy-white color and very sweet. The striking beauty of the plant bearing a dozen or more of those gigantic flowers cannot be described. They must be seen to be appreciated. They bloom very freely and it is not uncommon for a plant to have twenty or thirty blossoms open at once. They make magnificent lawn plants, and the great fragrance of the blossoms can be detected for a long distance. Small plants, by mail, post paid, 30c each. Extra large, by express, $1.00, $1.50 and $2.00 each.

Escallonia, Macrantha—Red flowers, rather large; 1 to 2 ft, 50c

" **Roseum**—A variety of dwarf growth, having bright shining green leaves and light rose-colored flowers. 1 to 2 feet, 50c.

Heath, Mediterranean—A small, compact evergreen, with feathery foliage, and producing purplish pink flowers in the spring. 2 feet, 50c each.

Laurel, English—A fine, large evergreen, with broad shining green leaves. Produces large panicles of creamy white flowers; followed by purple berries. 4 feet, $1.00.

" **Sweet Bay** (*nobilis*)—A very ornamental, upright-growing shrub, with deep, dark green, fragrant leaves, and covered in the Fall with berries. If properly pruned, one of the handsomest of decorative plants. The leaves are placed between the layers of the Smyrna Figs and impart a peculiar pleasant flavor to the fruit. 3 feet, $1.00.

Laurustinus—A well known winter flowering shrub of great beauty, producing an abundance of white flowers; well adapted for hedges. 1 to 2 feet, 35c.

Myrtle, Common—A dwarf shrub, with shining green leaves, and fragrant white flowers. 1 to 2 feet, 50c.

" **Microphylla, Small-leaved**—A variety with small, dark green foliage. 1 to 2 feet, 50c.

Oleander—There should be more demand for this well-known shrub for it is one of the most satisfactory of all to plant, blooming profusely from May to November. It succeeds in the interior valleys. We will offer the following varieties: Double pink, single white, 3 to 4 feet, 50c each; $4 per 10.

Orange, Otaheite—A dwarf, bushy plant with deep green foliage. Plants only one year old, grown in pots, and not over ten or fifteen inches high, produce their fragrant blossoms, succeeded by sweet and delicious fruits. 50c.

Photinia, serrulata—A handsome shrub, a native of China and Japan, with glossy, green leaves, assuming the most beautiful tints and shades in the winter; flowers small, white, in terminal flat corymbs. 50c.

Pittosporum, eugenoides—A very handsome, upright-growing shrub, with silvery light green leaves, and black stems. A good hedge plant and very ornamental as an individual. 2 feet, 25c.

" **nigrescens**—A large, upright-growing shrub, with glossy, yellowish-green leaves; a very effective lawn shrub. 1 foot, 25c.

" **Tobira**—A low-growing shrub, with dark green leaves; a native of Japan. 1 foot, 25c.

" **Tobira variegated**—Same habits as above, but foliage is margined with white. 1 foot, 25c.

Sterculia, Plantanifolia—Chinese Parasol Tree. A native of China and Japan with fine large handsome foliage. 50c.

Rhododendrons—These are among the grandest of our hardy flowering shrubs, and cannot be surpassed for lawn decoration. The flowers range through shades of rose, pink, crimson, white, etc. We have a magnificent collection of strong, vigorous plants. Price, $1.00 to $2.00 each.

Rosemary—The well known hardy evergreen shrub whose foliage is often used to make Rosemary tea, a decoction for relieving headache. 35c to 50c each.

Veronica, Imperialis—The finest of the species; flowers amaranth.

" **Variegated**—A handsome shrub, with blue flowers and variegated foliage. 50c each.

DECIDUOUS SHRUBS

Almond, Double Red—A beautiful shrub, bearing double rose-like flowers before any leaves appear. 3 feet, 40c.

" **Double White**—Same as the above, only the flowers are white. 3 feet, 40c.

Berberry, Purple-leaved—A very pretty shrub, with purple foliage; fruit is acid, and is highly esteemed for preserving Very effective in groups or masses or planted by itself; 3 ft; 50c.

Calycanthus floridus (*Sweet Shrub*)—A very desirable shrub, with fragrant wood and rich foliage; flowers of a rare chocolate color, having a peculiar agreeable odor. 50c each.

Crape Myrtle—A very beautiful class of shrubs, profuse and continuous bloomers during the entire summer. The flowers are very pretty, having curiously crimped petals. 25c to 50c each, according to size.

" **Pink**—Avery free bloomer a most desirable shrub for grouping; very rapid grower.

" **Purple**—Flowers deep purple.

" **White**—Very fine, but not as profuse a bloomer as the other varieties.

Deutzia—Upright-growing shrubs with very effective foliage, blooming in profusion in the spring; flowers white, in large racemes; should have a place in every garden.

" **crenata candidissima**—Fine double white flowers. 50c each.

" **fortunei**—One of the best. 50c each.

" **scabra**—Very fine; white; profuse bloomer. 50c each.

Elder—These are showy large shrubs, quite ornamental in flowers, fruit and foliage. They blossom in June. Very desirable for grouping. 50c each.

" **Cut-Leaved**—A valuable variety with curious laciniated leaves; one of the best of the cut-leaved shrubs. 50c each.

" **Golden-leaved**—A handsome variety, with golden, yellow foliage. A valuable bush for enlivening shrubberies. 50c each.

" **Pyramidal**—A new variety, quite distinct from any of the old forms in habit of growth, being erect and stately, with very abundant, massive foliage. 50c each.

" **Variegated**—A strong grower; foliage beautifully mottled yellow and white. 50c each

Erythrina, crista-galli (*Coral Plant*)—A beautiful summer flowering plant, covered with large, pea-shaped, vermilion flowers, freezes down in winter, but starts again in spring; a most effective plant for grouping. 50c each.

Euonymus (*Spindle Tree*)—A tall-growing shrub, leaves turn scarlet in the fall. Produces medium sized scarlet berries. 50c each.

Lilac—This well-known class of beautiful flowering shrubs, should have a place in every garden. They are adapted to all soils, are extremely hardy and are among the best of our beautiful spring flowering shrubs. Besides the common purple and white varieties, there are a number of hybred varieties, a few of which are described below.

" **Common Purple**—The well-known purple lilac. 50c.

" **Common White**—Flowers white; branches and buds green. 50c.

" **Lemoinei Flore Pleno**—Panicles large; flowers reddish purple, semi-double. 75c.

" **Madame Briot**—Beautiful bright red color. 75c.

" **Persian**—Small foliage, bright purple flowers. 50c.

" **President Massart**—Red in bud, purple when open; large panacle; fine. 75c.

" **Prof. E. Stockhardt**—Lavender colored flowers, large truss; fine. 75c.

" **Renoncule**—Very double: azure mauve; very fragrant. 75c.

" **Virginalis**—Flowers pure white; large, compact panicles more delicate than the common. 75c.

Mock Orange (*Philadelphus*)—A vigorous class of shrubs, with large handsome foliage and beautiful milk white flowers produced in the greatest profusion, early in the summer. 50c.

" **coronarius**—Flowers pure white, delightful orange-blossom fragrance. 50c.

" **Double-Flowering**—Flowers semi-double, with delightful fragrance. 50c.

" **Golden-leaved**—A dwarf, compact shrub, with bright, yellow foliage, very effective as a low foliage plant for edging. 50c.

" **grandiflorus**—A tall bush, of slender, twiggy habit, with large flowers slightly fragrant. 50c.

Pomegranate—No garden is complete without these fine shrubs, with bright shining green foliage; flowering profusely all through the season; flowers very double.

" **Mme. Lagralla**—Very fine, large, scarlet flowers, edged with yellow. 50c.

" **Scarlet Dwarf**—A very handsome small shrub, with beautiful double scarlet flowers; blooms very young. 50c.

" **Scarlet**—A very rapid growing shrub, with deep double scarlet flowers. 50c.

" **White**—A very rapid growing shrub, with double creamy white flowers. 50c.

Quince, Flowering—50c.

Solanum Capsicum (*Jerusalen Cherry*)—Fine, bushy plants, bearing a profusion of scarlet berries. 35c each.

Snowballs—Strong plants. 50c each.

Sollya—Pretty blue-bell shaded flowers; evergreen. 25c each.

AGRICULTURAL BOOKS

California Fruits and How to Grow Them—A manual of methods which have yielded greatest success; with lists of varieties best adapted to the different districts of the State. By EDWARD J. WICKSON, A. M., Assoc. Prof. Agriculture, Horticulture and Entomology, University of California. Practical, explicit, comprehensive. 599 pages, fully illustrated. Postpaid. Price $3 00

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Quantity of Seed Required to Sow an Acre of Ground

GRASS AND CLOVER SEEDS, SEE PAGE 23

	Lbs. to the Acre
Barley—Broadcast	125 to 130
Beans, Dwarf or Bush—Hills	50
Beans, " " —Drills	80
Beans, Tall or Pole—Hills	35
Beet, Garden—Drills	10
Beet, Field "	8 to 10
Broom Corn—Drills	12
Buckwheat—Broadcast	45
Cabbage—in beds to cover an acre after transplanting	¼
Carrot—Drills	4
Corn—Sweet or Field—Hills	15
Corn, to cut green for fodder—Drills or Broadcast	125
Cucumber—Hills	2
Flax (when wanted for seed)	30
Flax (when wanted for fiber)	50
Grass, Kentucky Blue, for lawns	100 to 125
Hemp—Broadcast	40 to 50
Melons, Water—Hills	2 to 3
Melons, Musk—Hills	2 to 2½
Oats—Broadcast	80 to 90
Onions, Black Seed—Drills	5 to 6

	Lbs. to the Acre
Onions, top or bottom sets—Drills	250
Onions, Black Seed, for bottom sets	40 to 60
Parsnips—Drills	6 to 7
Peas—Drills	100
Peas—Broadcast	200
Potatoes—Hills	500
Pumpkin—Hills	5 to 6
Radish—Drills	8 to 10
Rye—Broadcast	100
Sage—Drills	8
Spinach—Drills	10
Squash bush varieties—Hills	4
Squash, running varieties—Hills	3
Sugar Cane	4 to 5
Tomato—In beds to transplant	⅛ to ¼
Turnip and Ruta-baga—Drills	1½ to 2
Turnip and Ruta-baga—Broadcast	3
Vetches—Broadcast	15
Wheat—Broadcast	80 to
Wheat—Drills	75

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